

Fig. 1

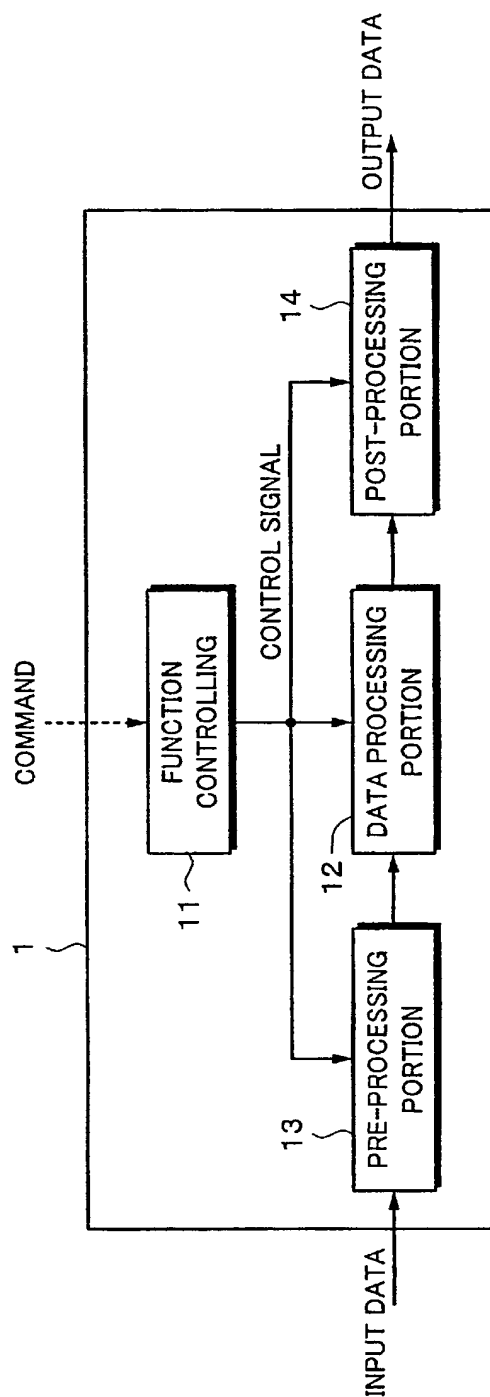


Fig. 2

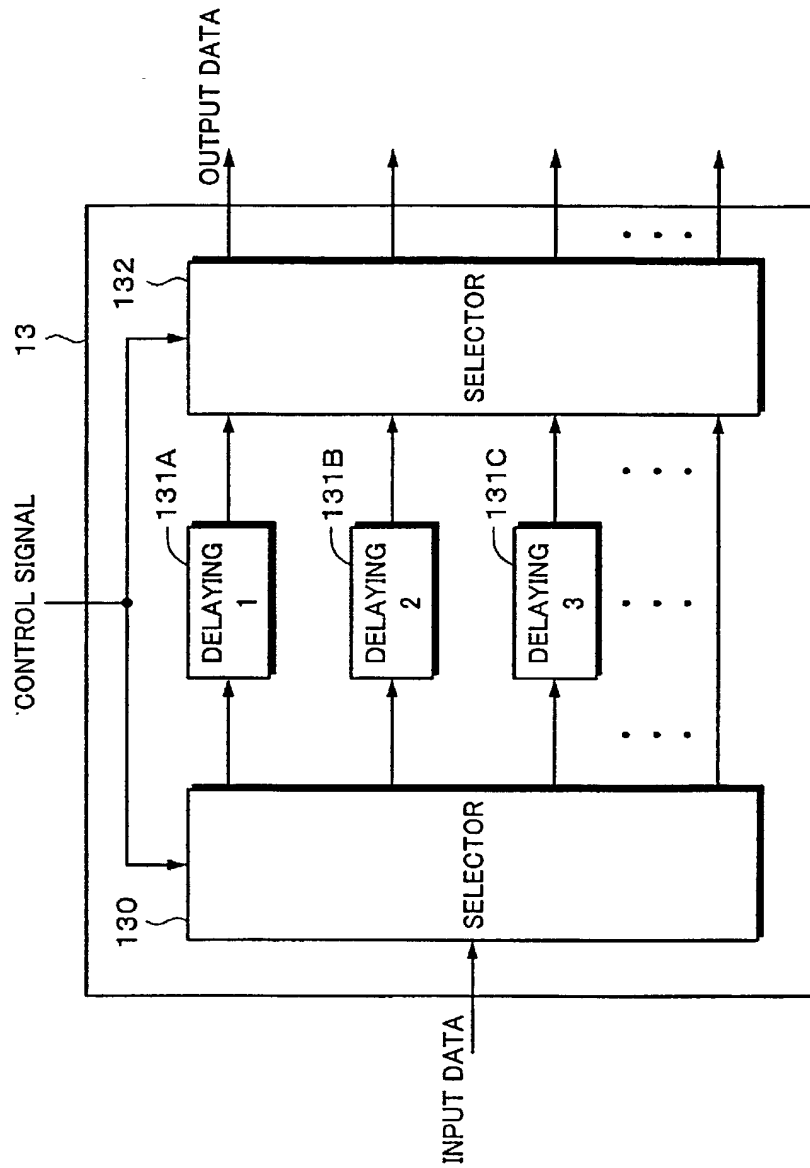


Fig. 3A Fig. 3
Fig. 3A Fig. 3B

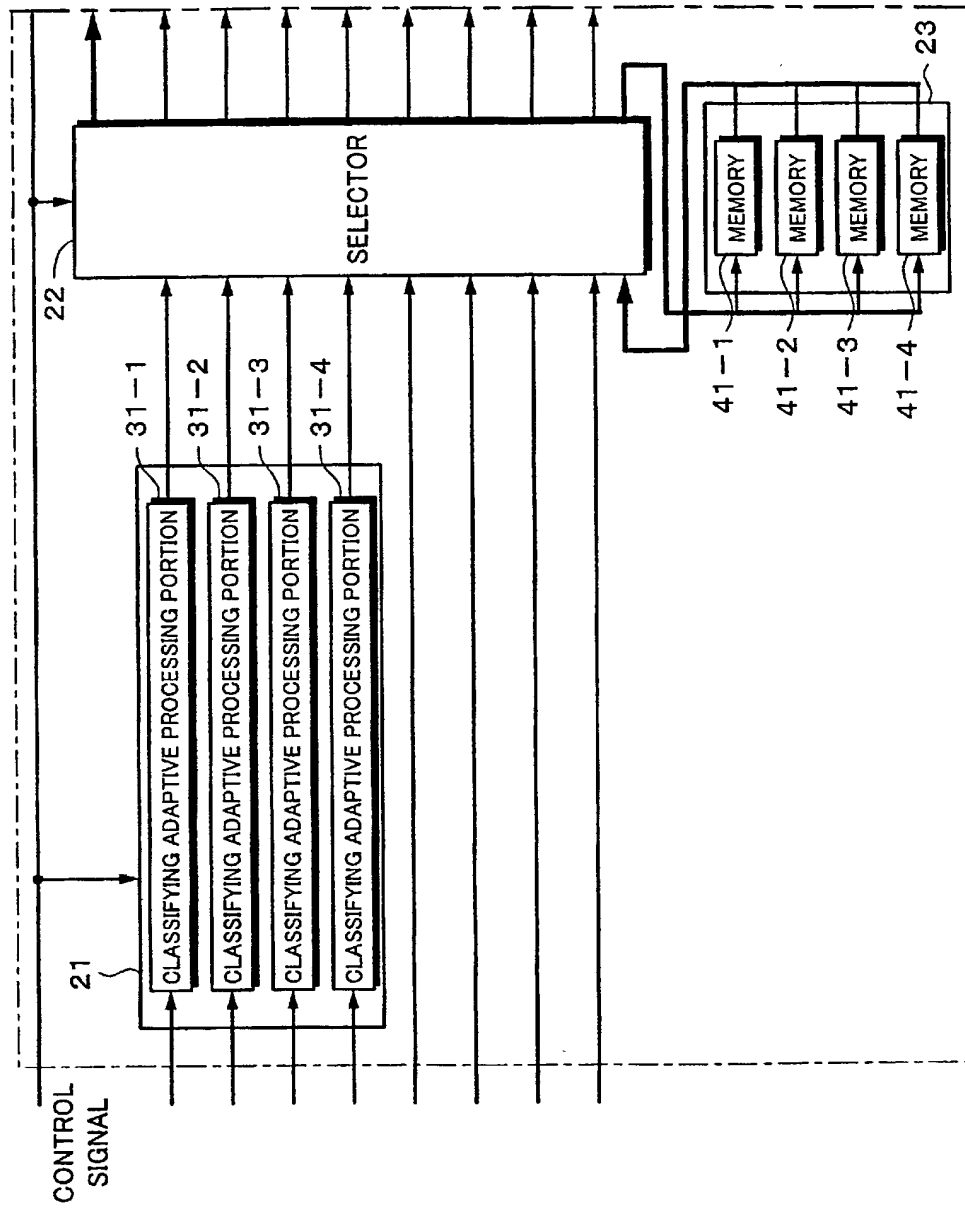


Fig. 3B

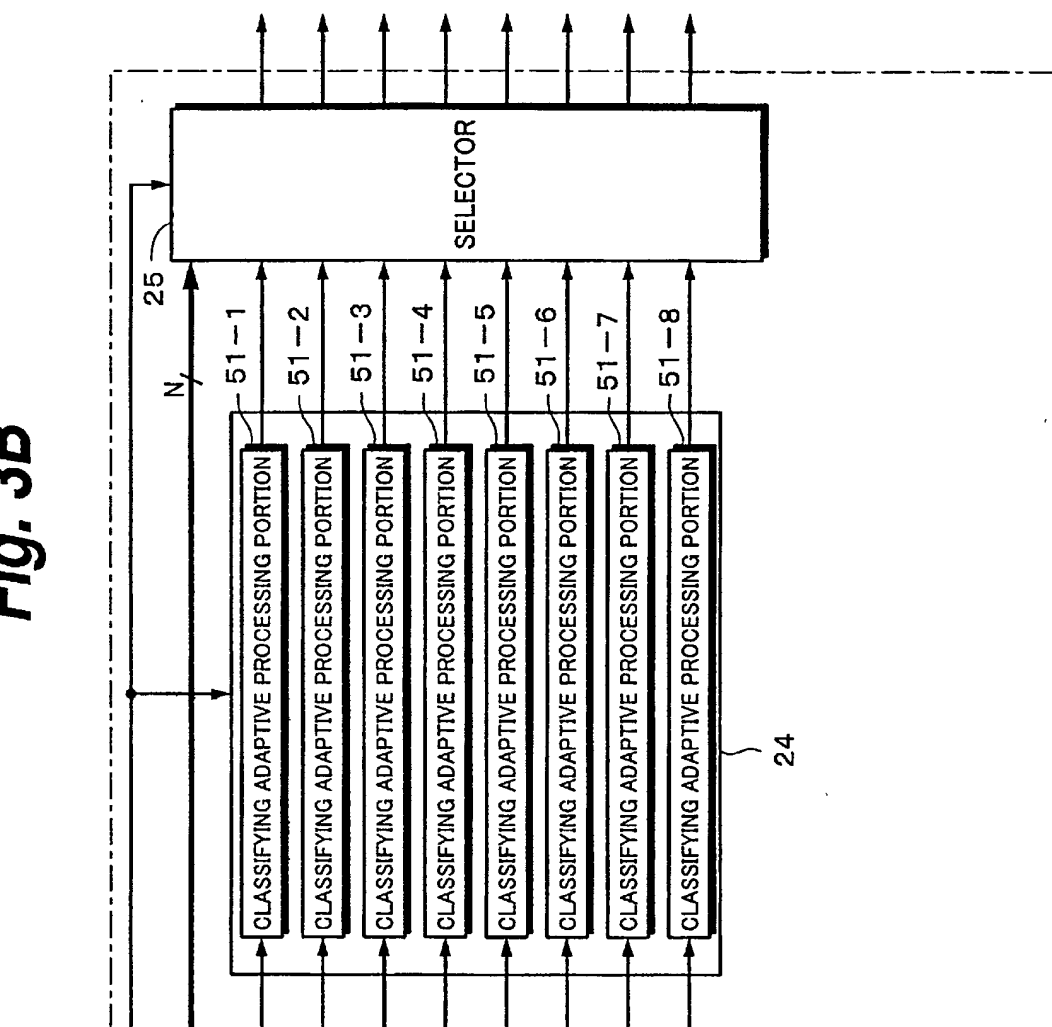


Fig. 4

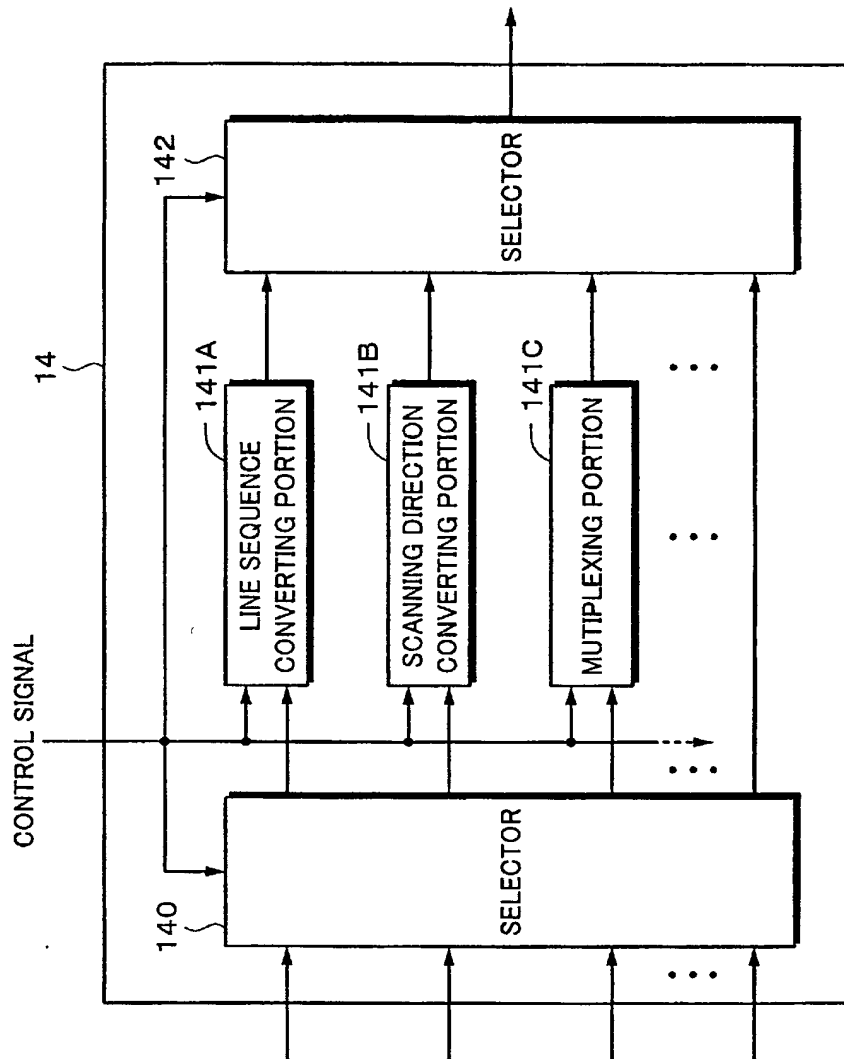


Fig. 5

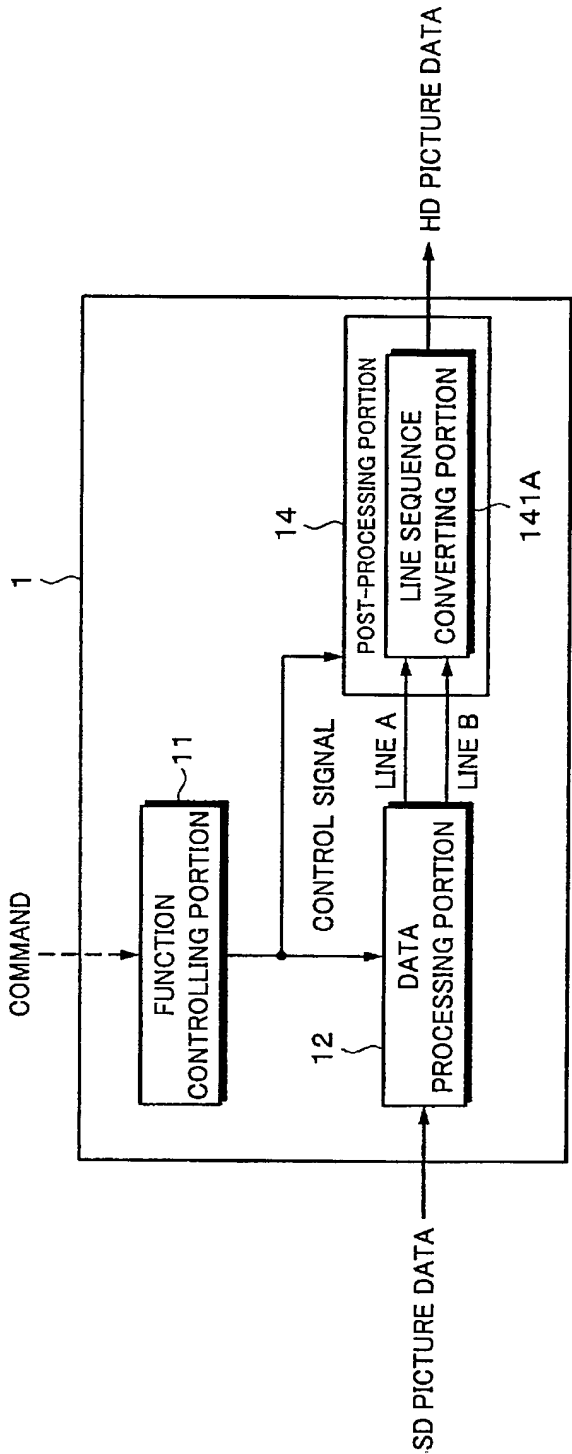
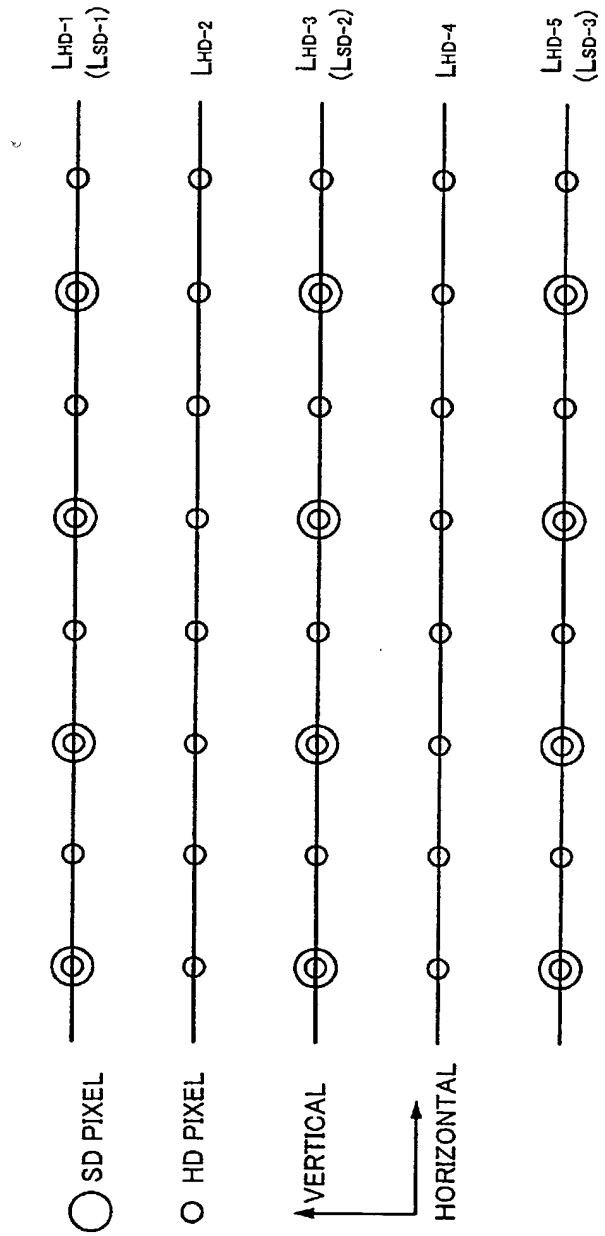
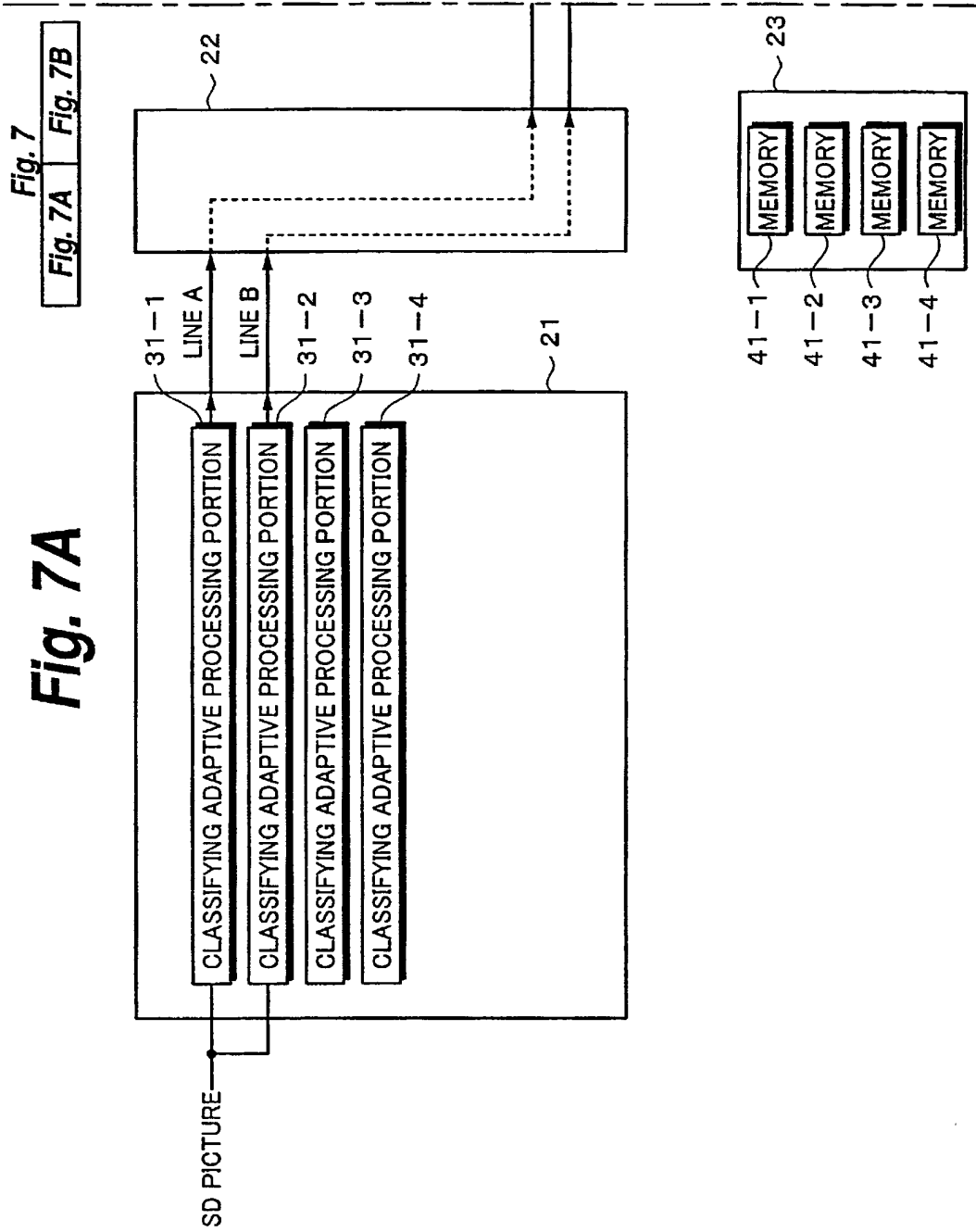


Fig. 6





Page 4 of 10

Fig. 7B

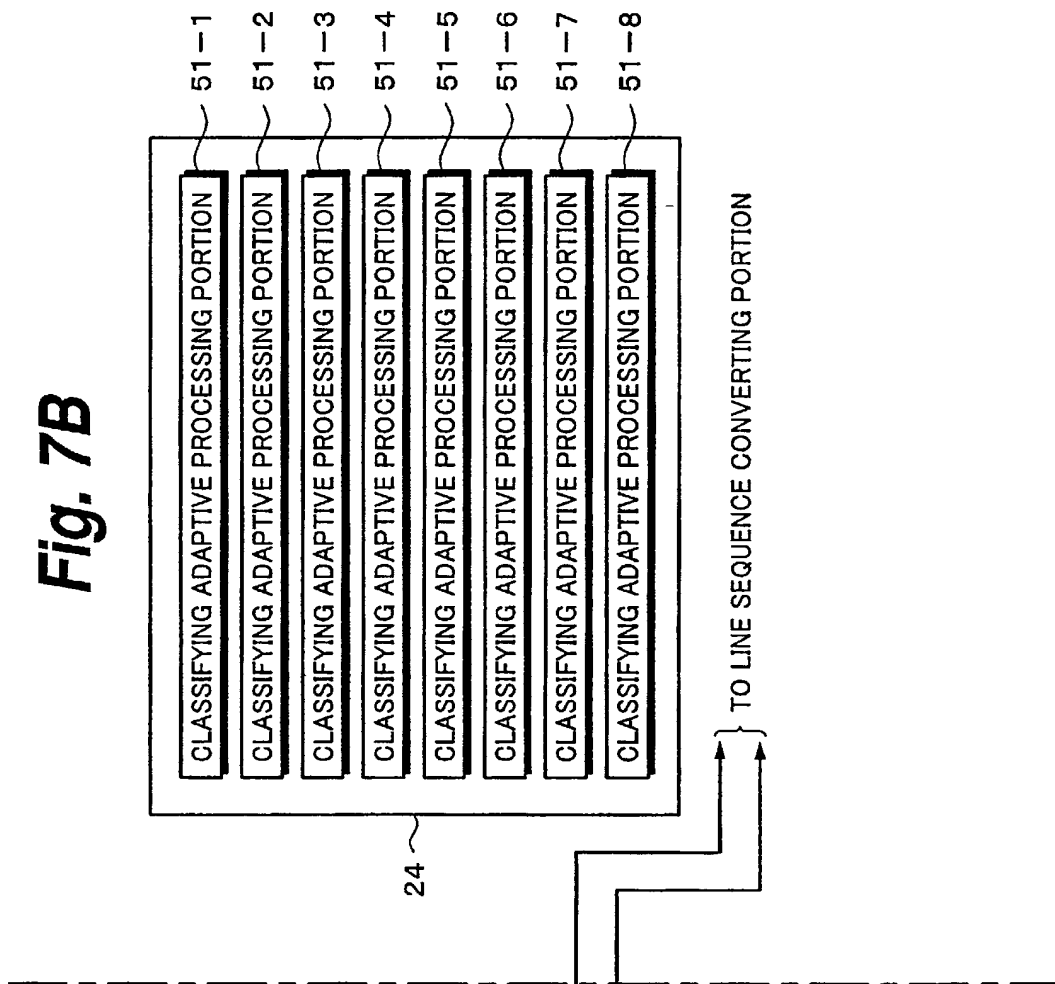


Fig. 8

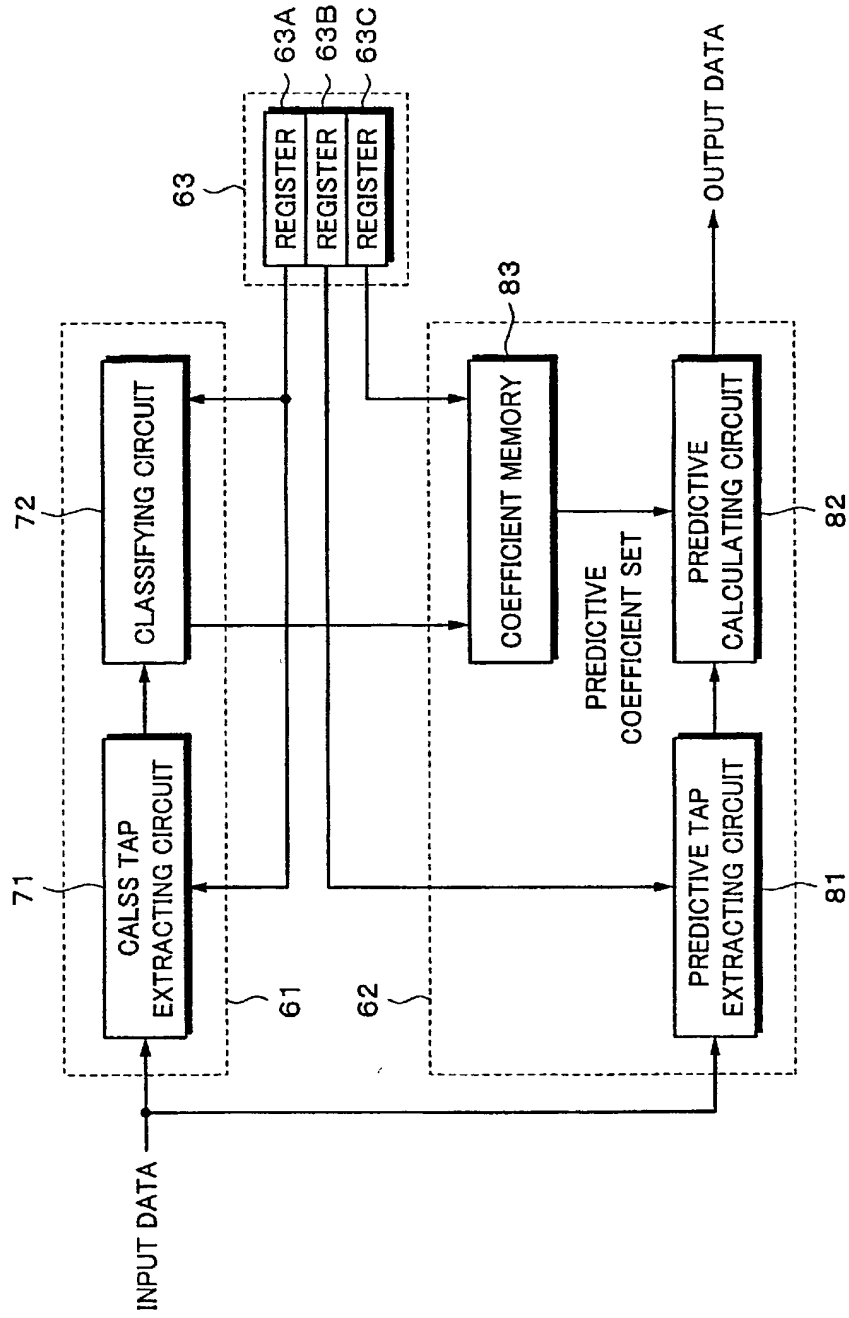


Fig. 9

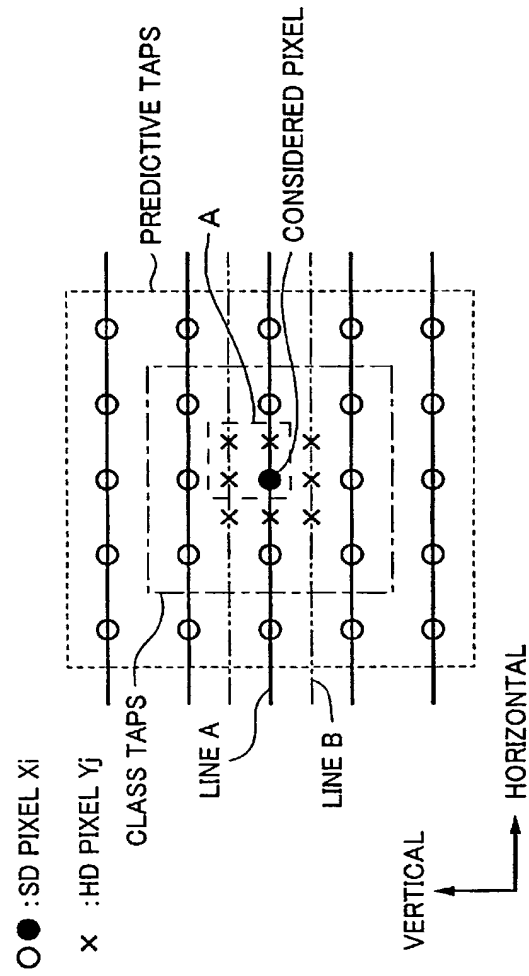


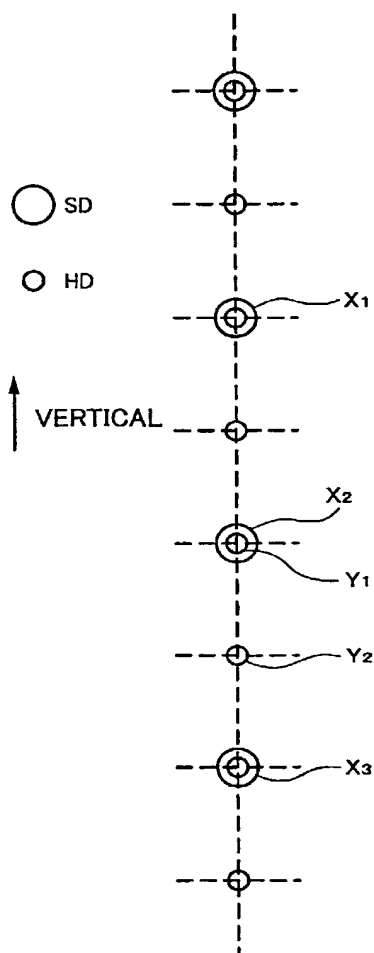
Fig. 10

Fig. 11

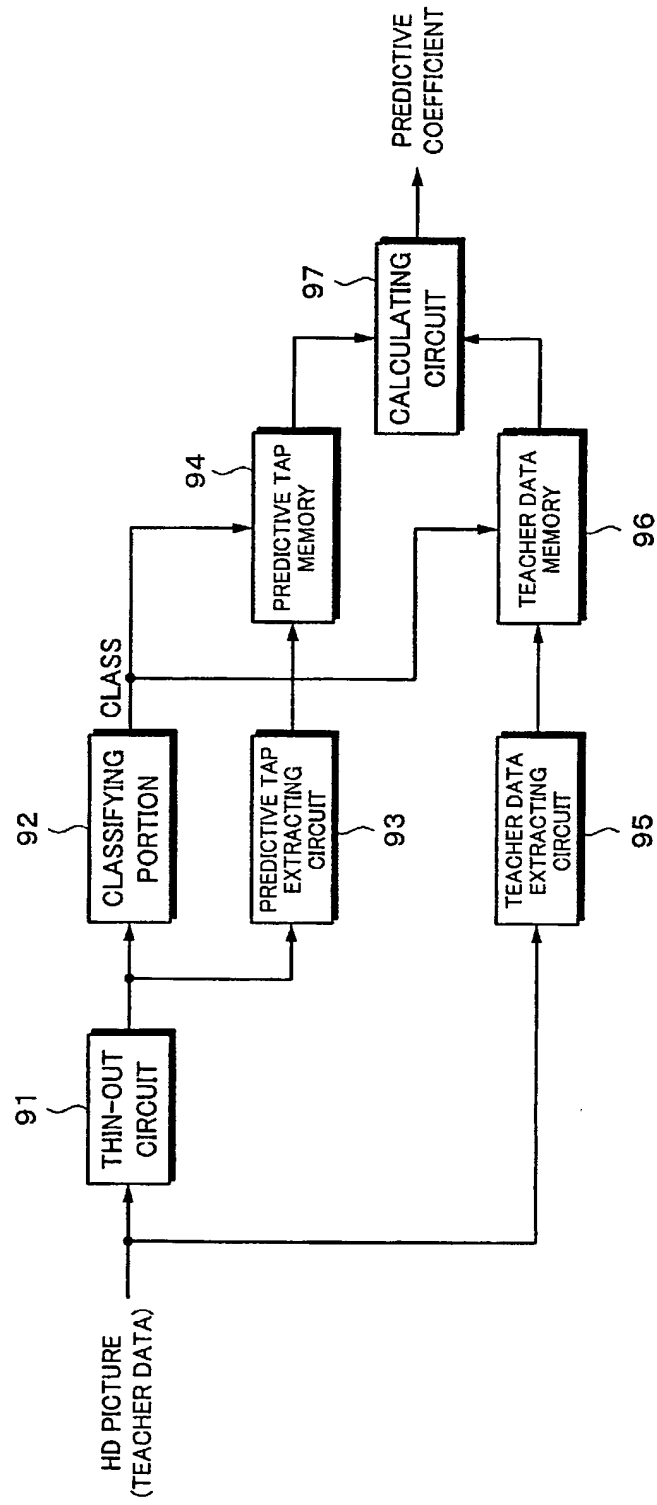


Fig. 12

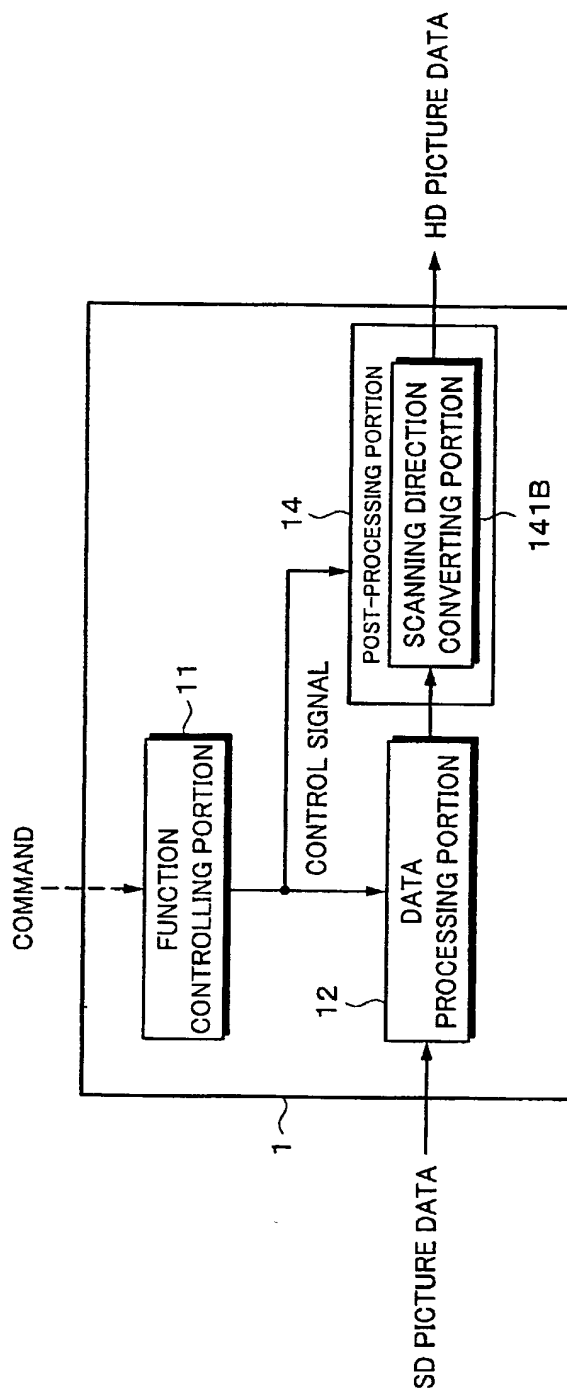


Fig. 13
Fig. 13A Fig. 13B

Fig. 13A

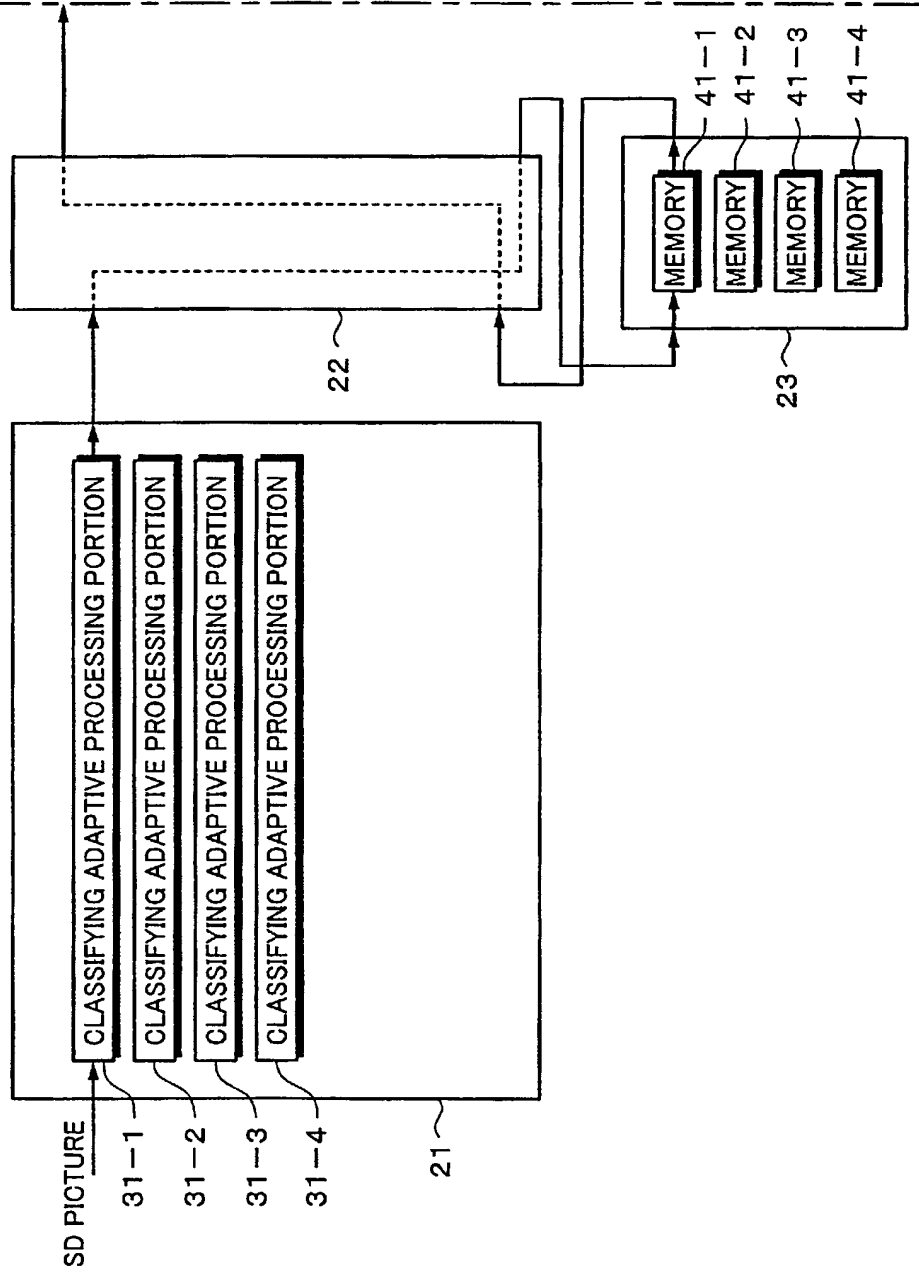


Fig. 13B

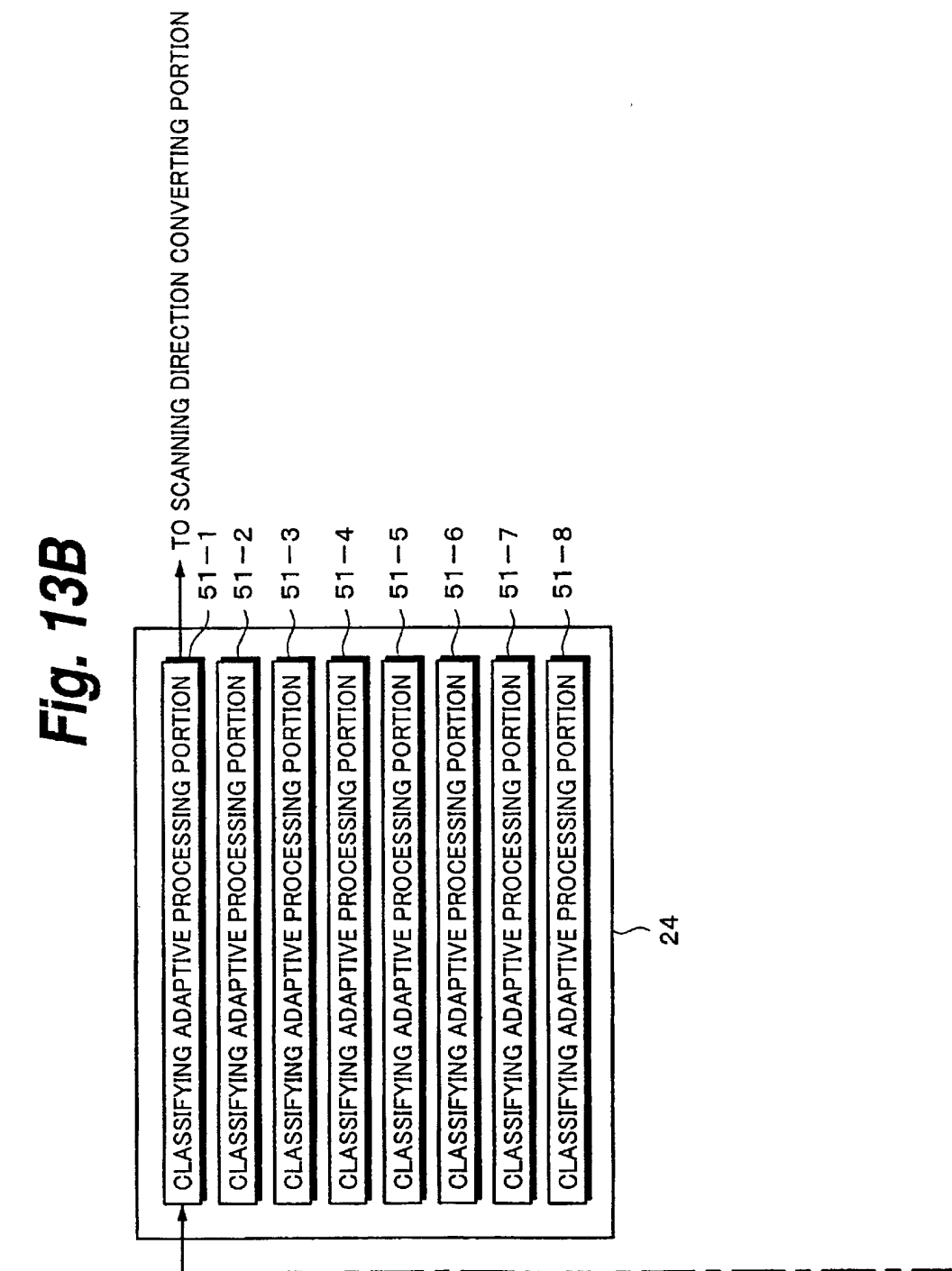


Fig. 14

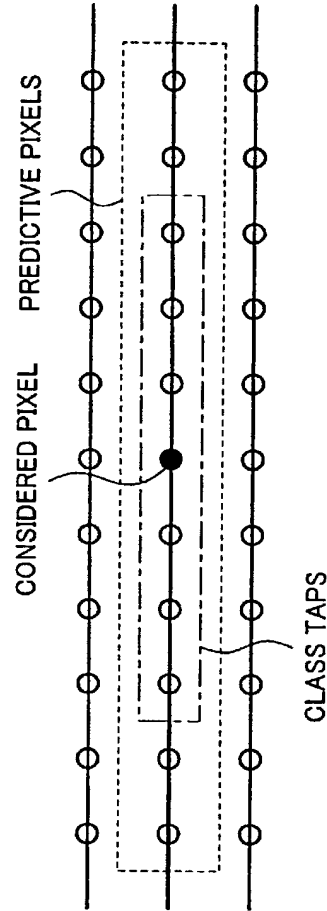


Fig. 15

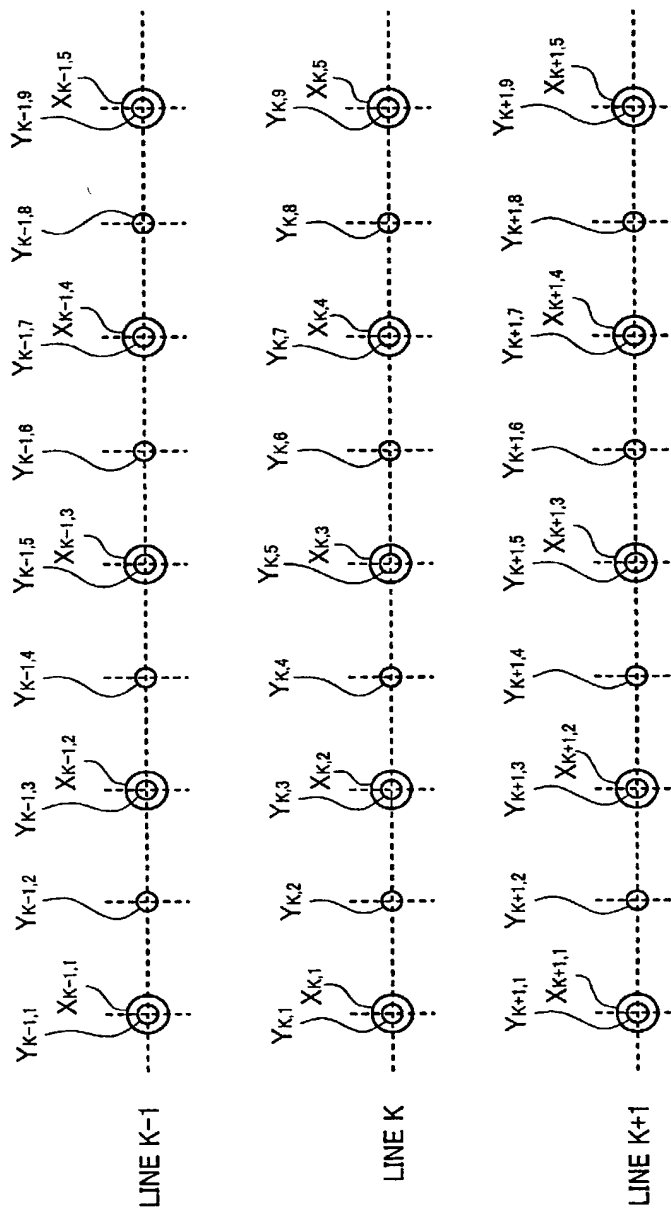
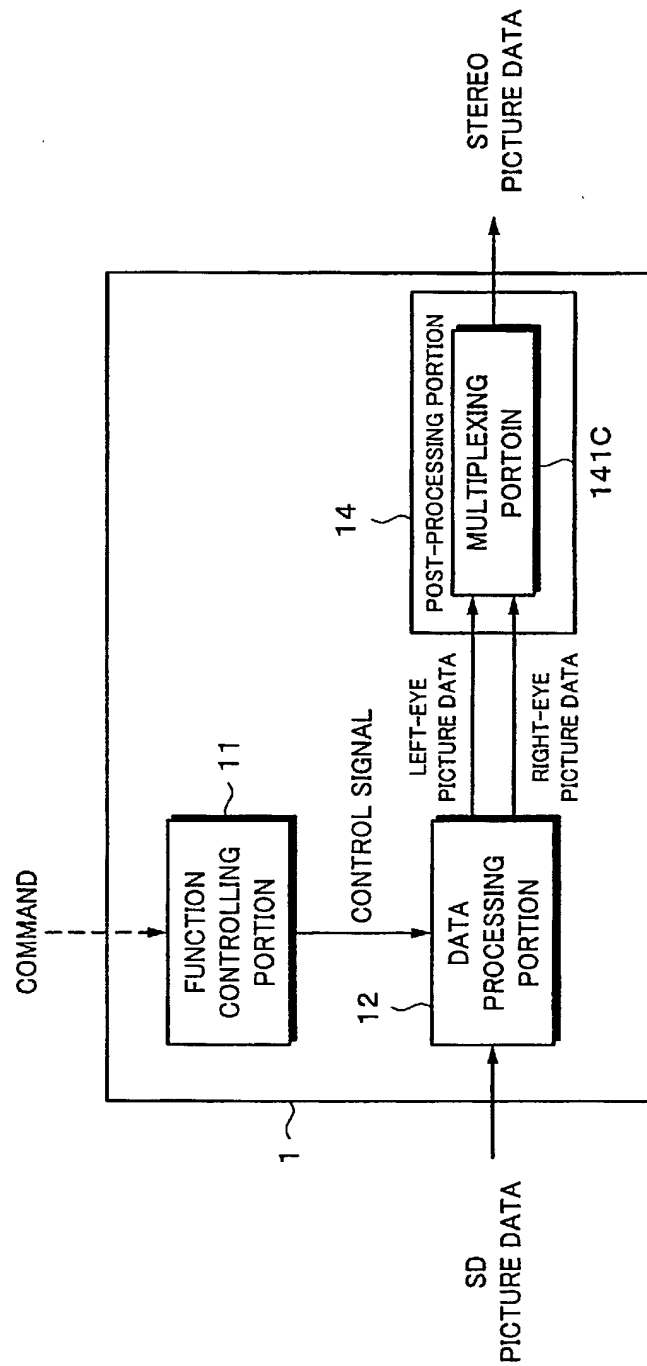


Fig. 16



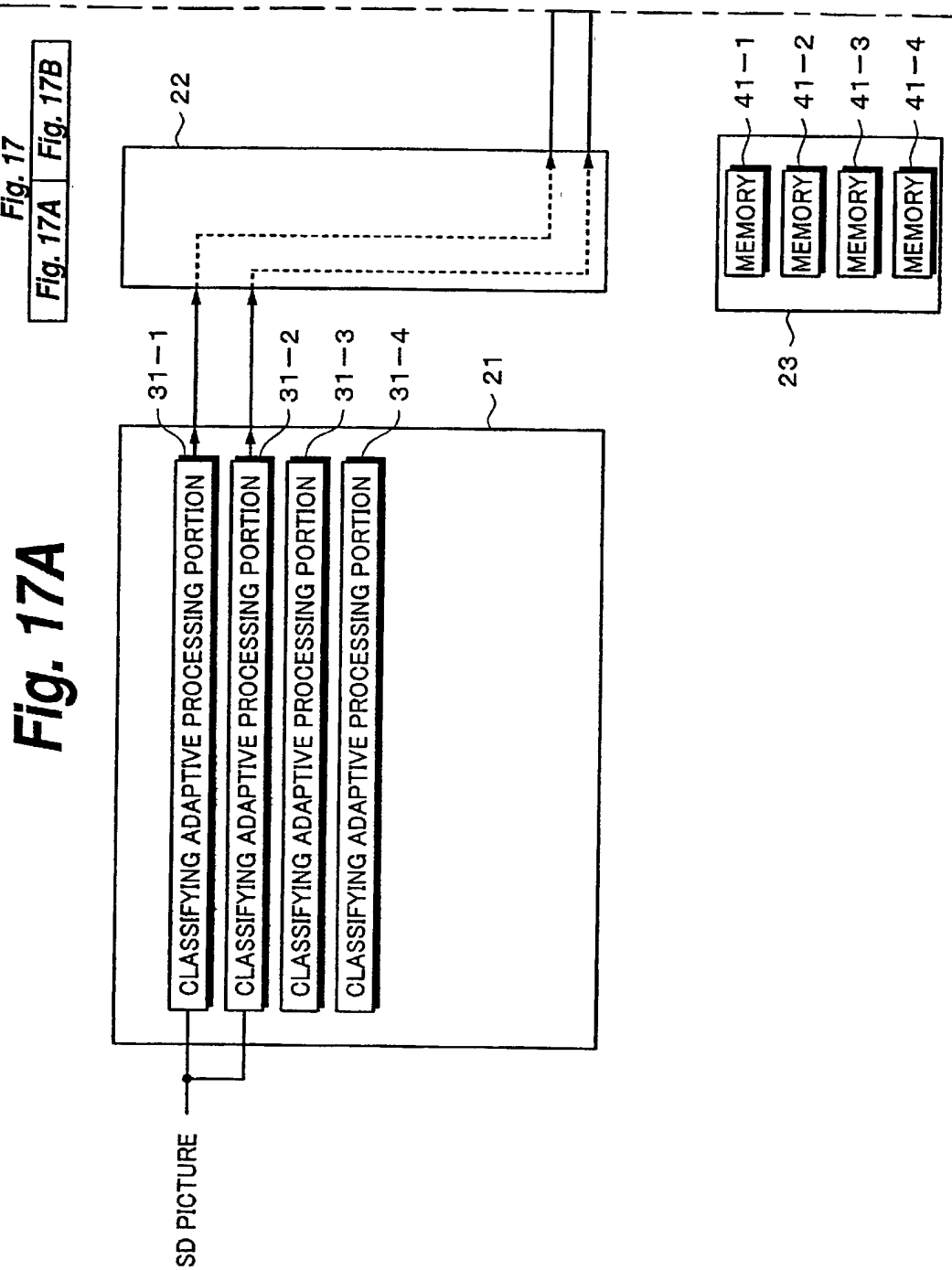


Fig. 17B

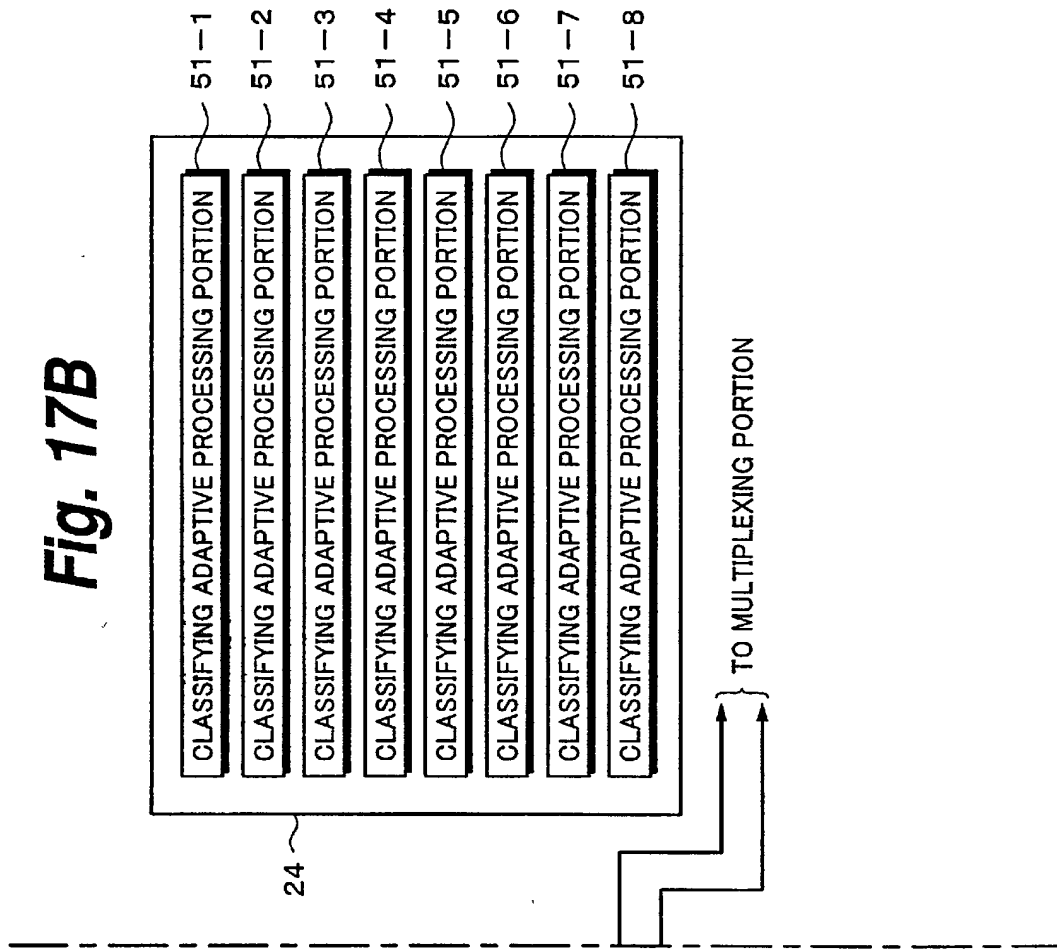


FIG. 18A & B

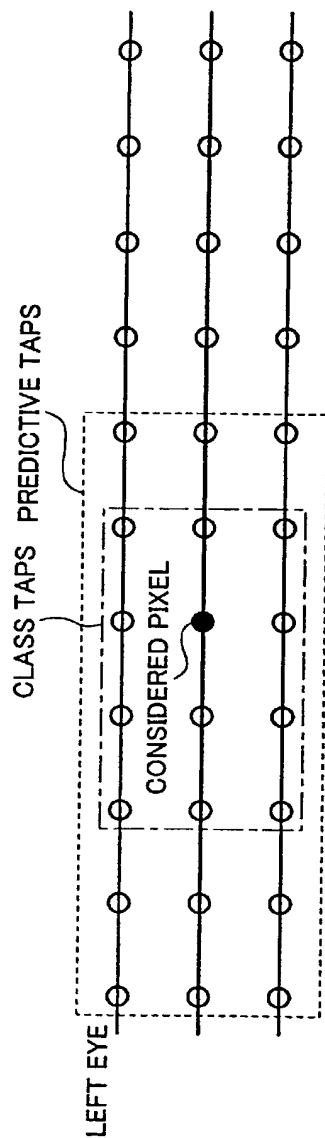


Fig. 18A

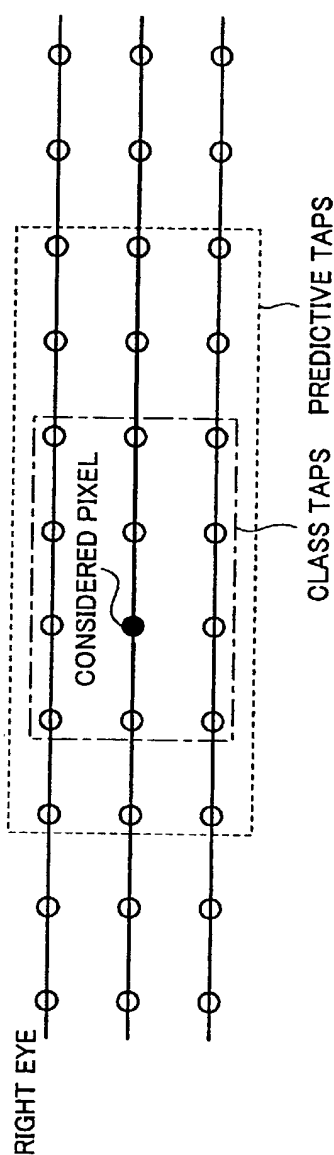


Fig. 18B

Fig. 19

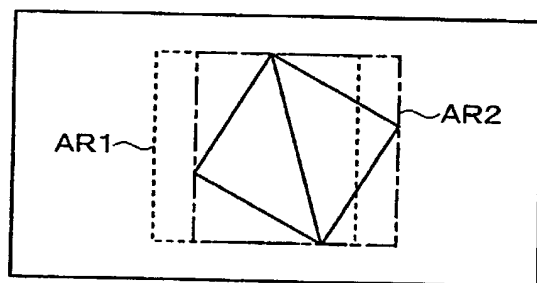


Fig. 20

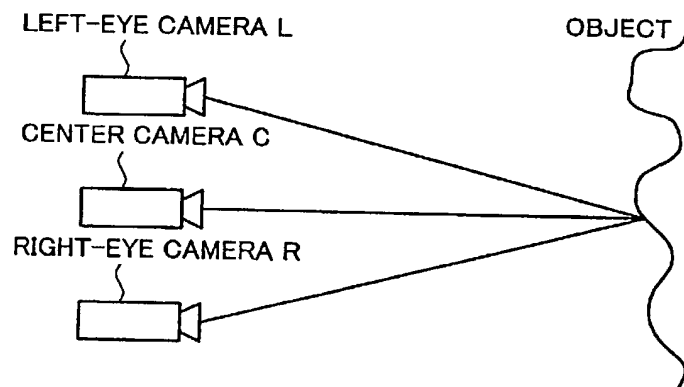
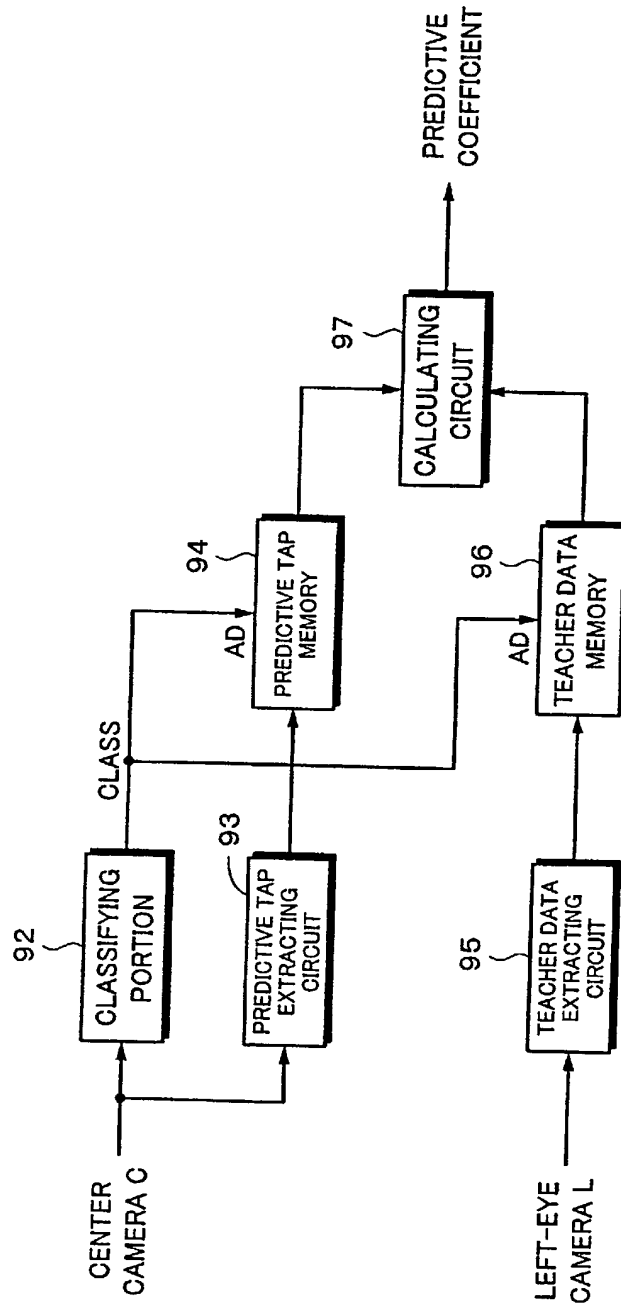


Fig. 21



25/43

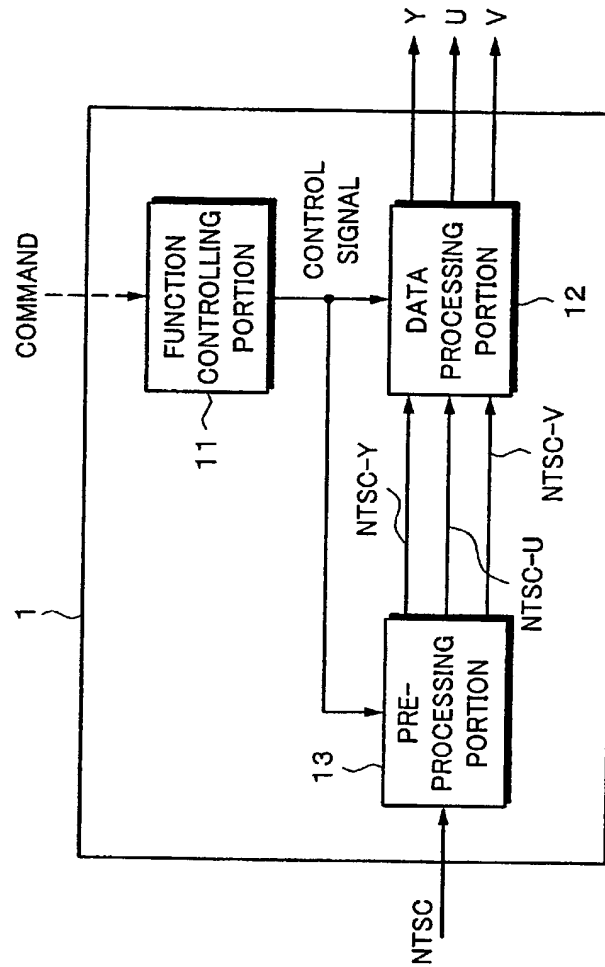


Fig. 23B

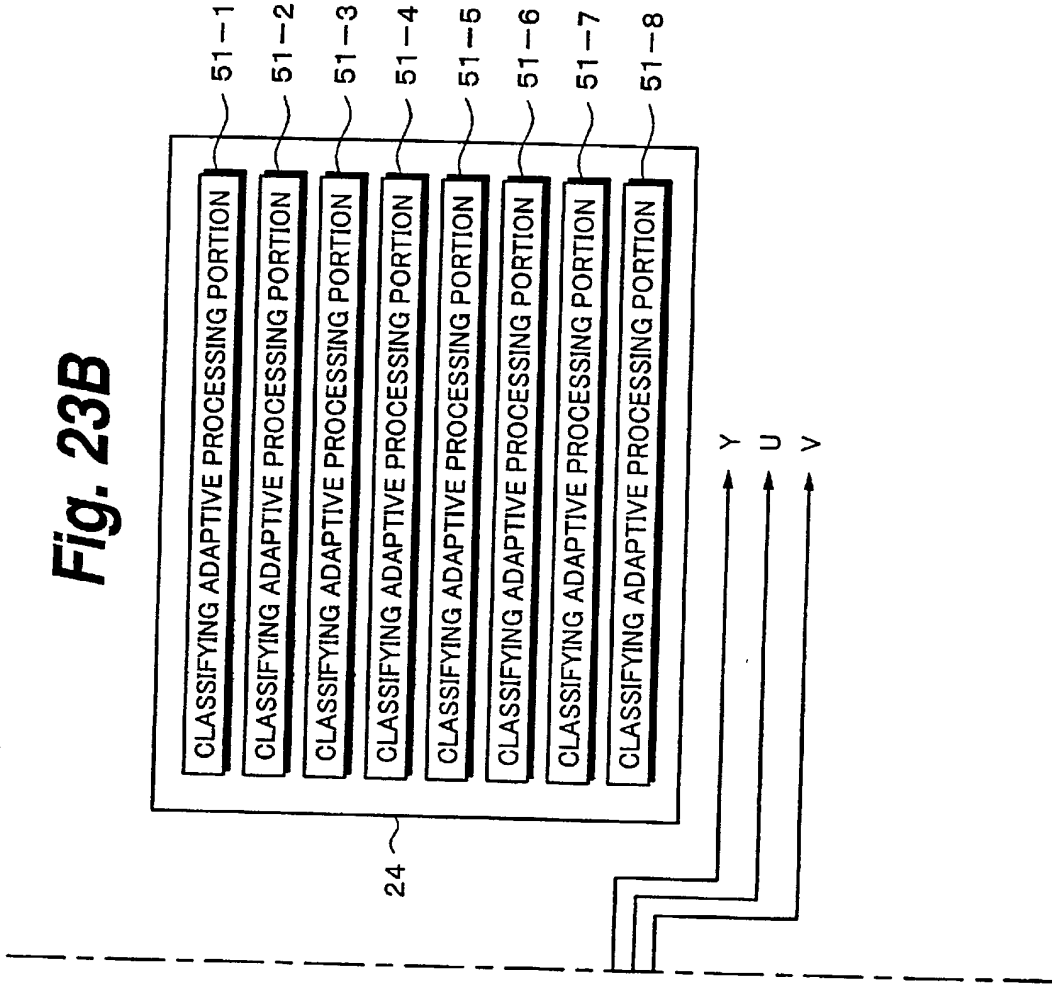


Fig. 24

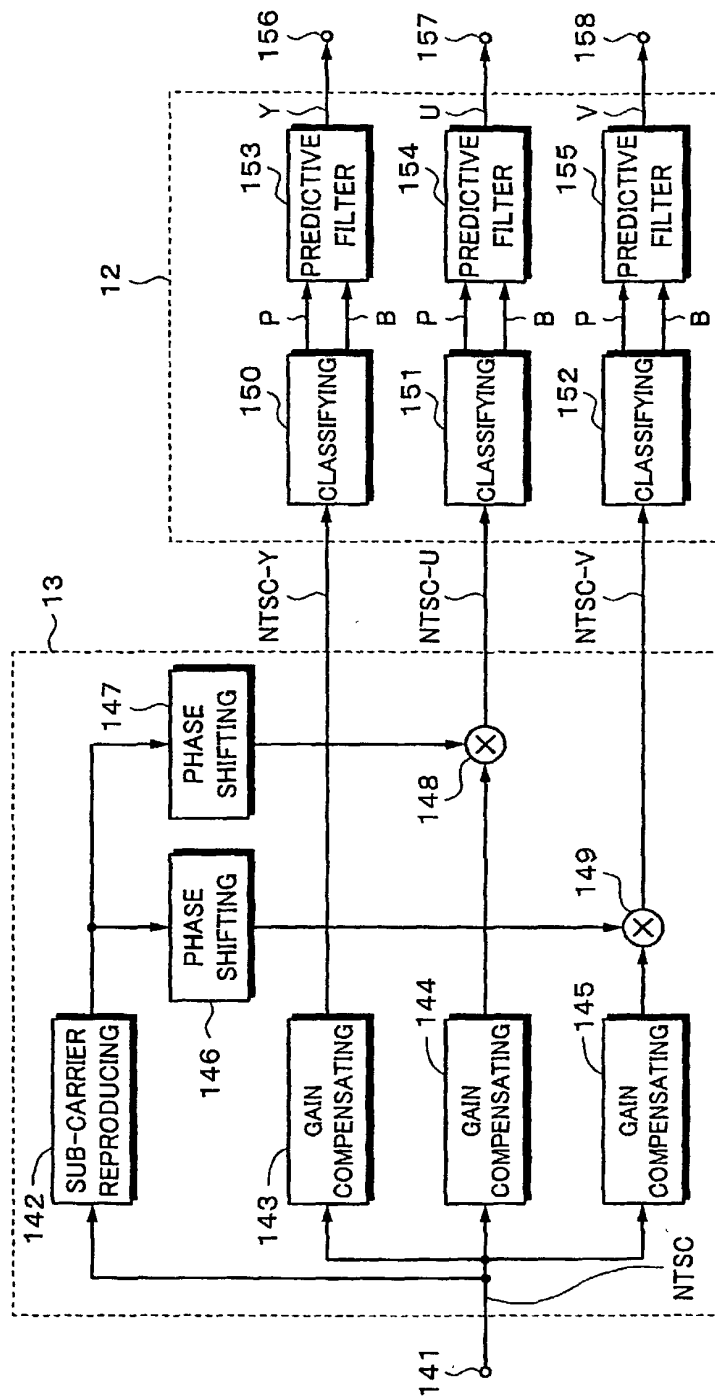


Fig. 25A

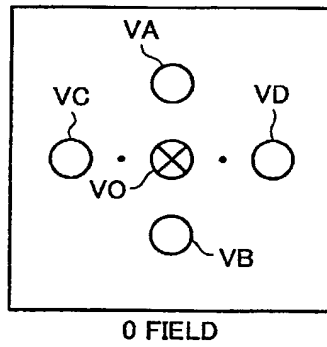


Fig. 25B

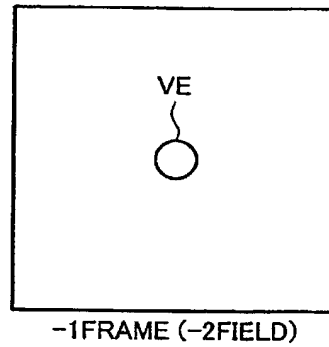


Fig. 26

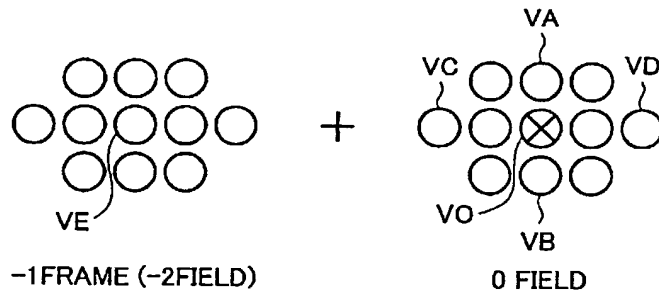


Fig. 27

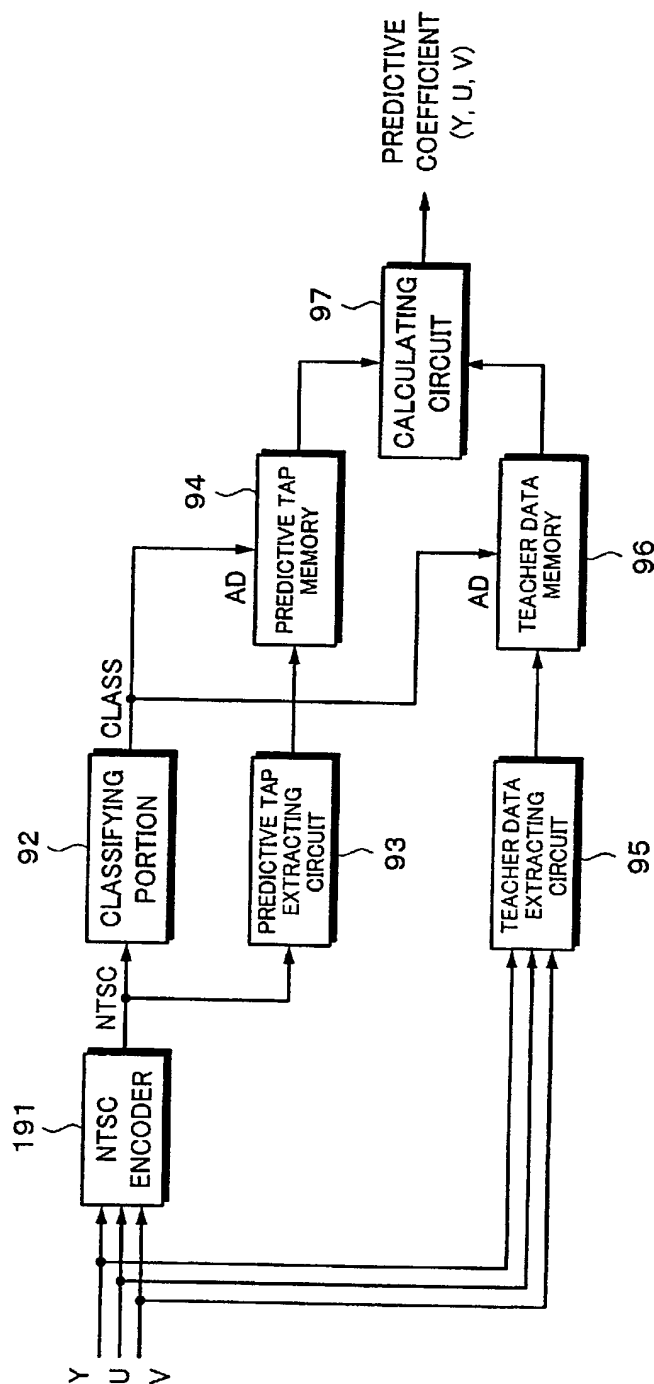


Fig. 28

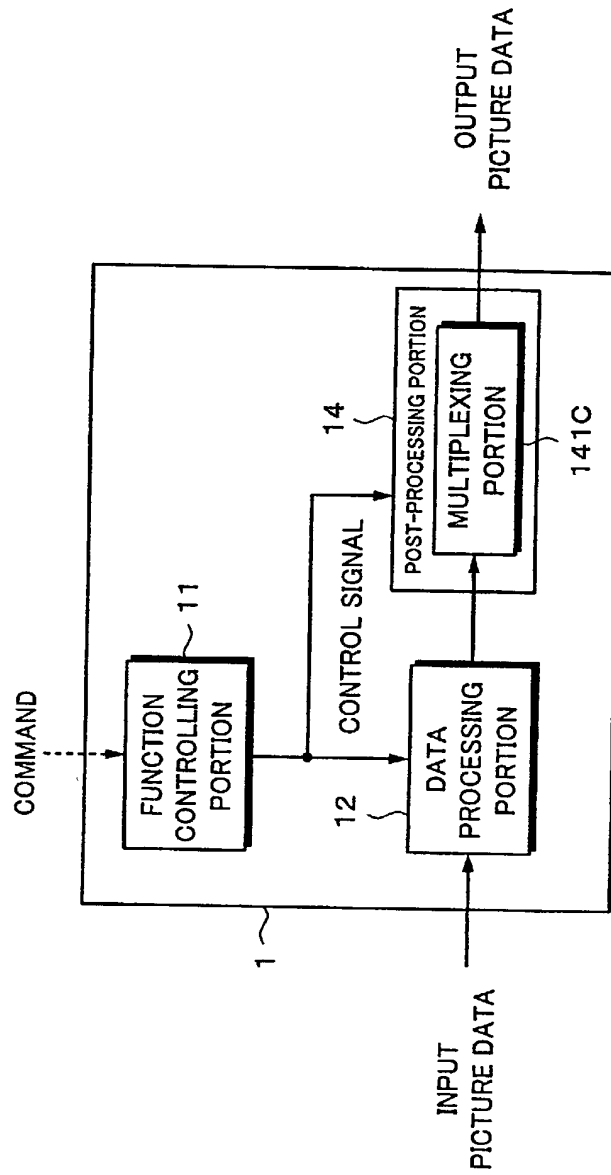


Fig. 29A

Fig. 29 Fig. 29A Fig. 29B

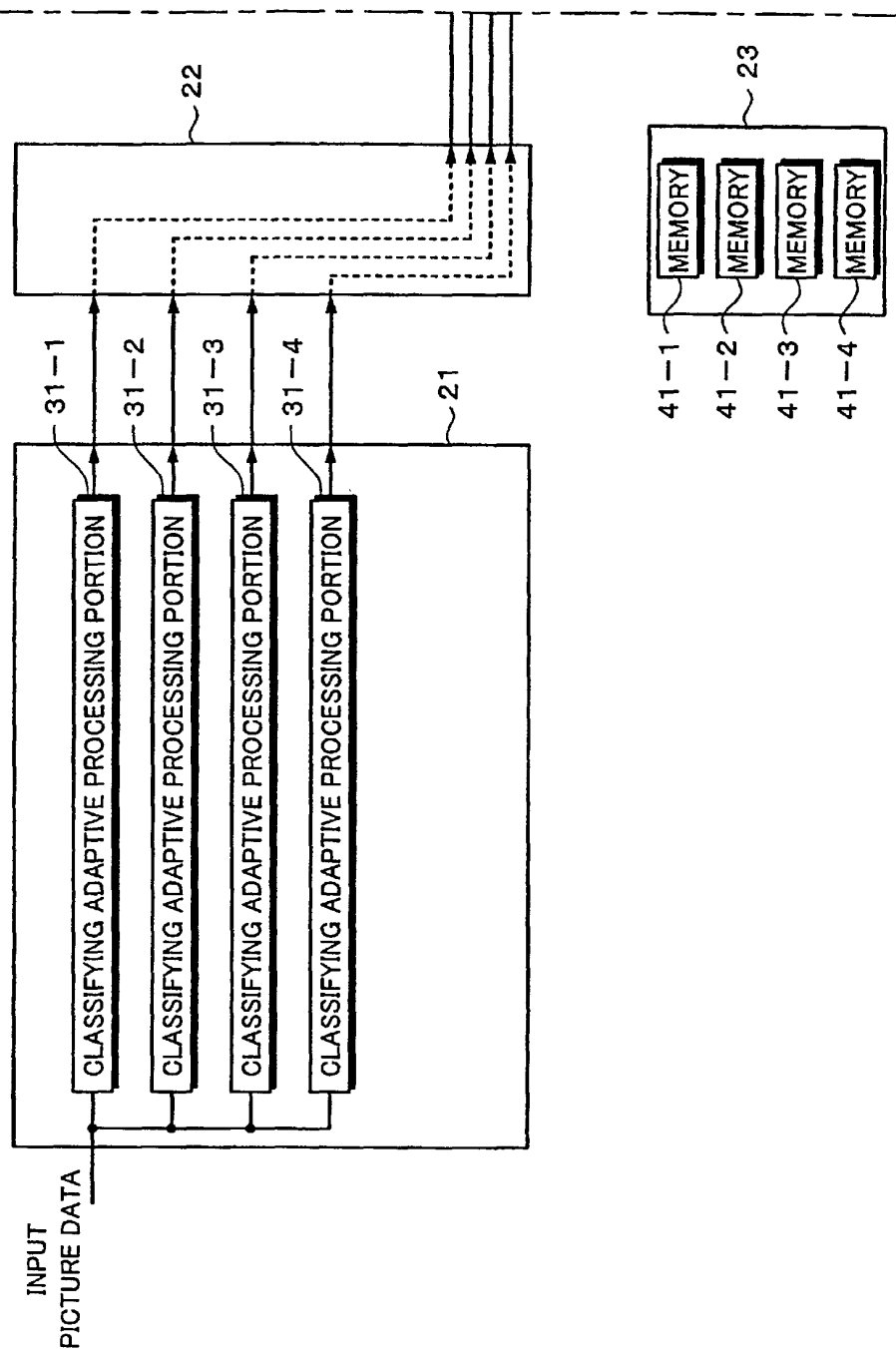
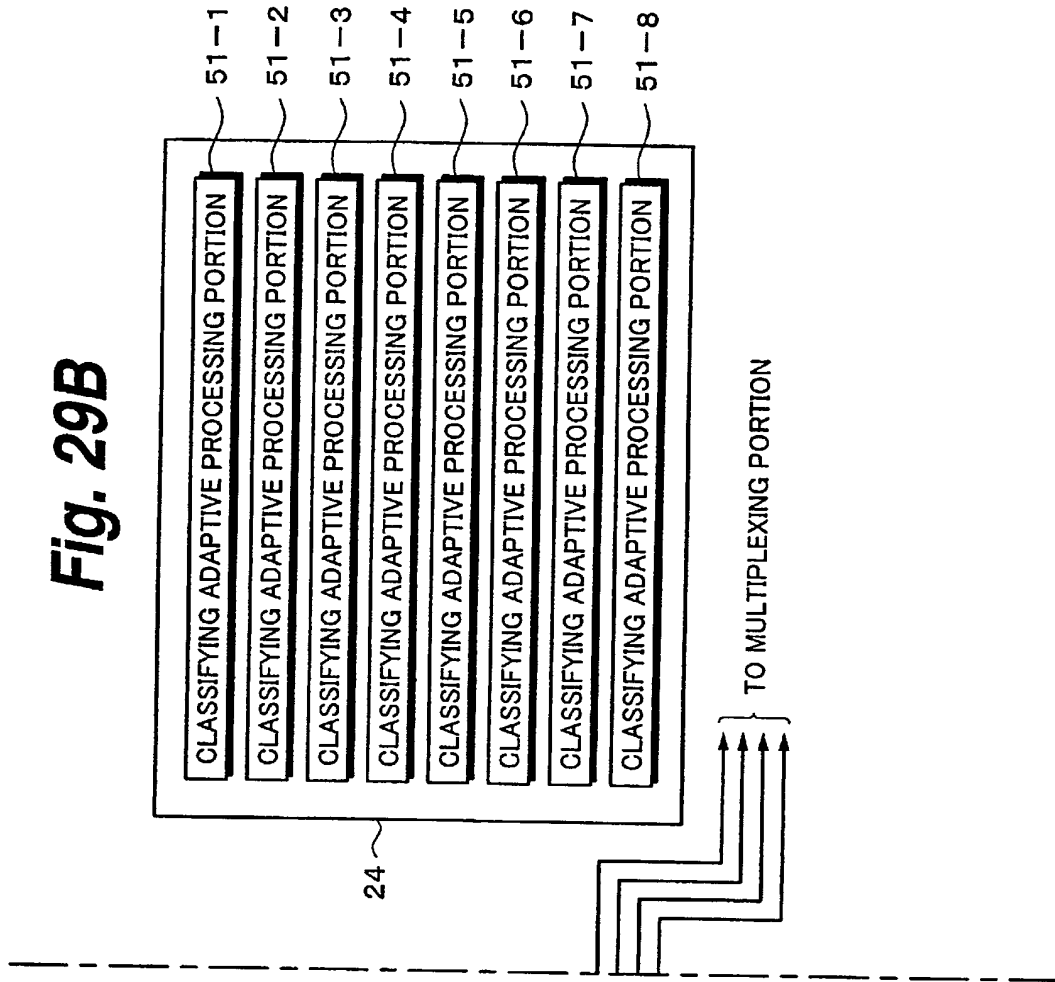


Fig. 29B



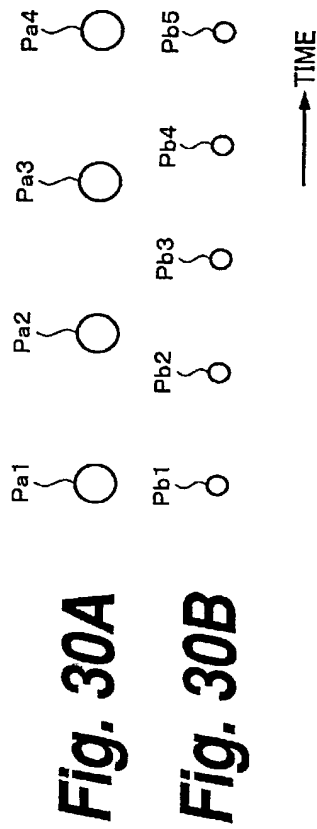


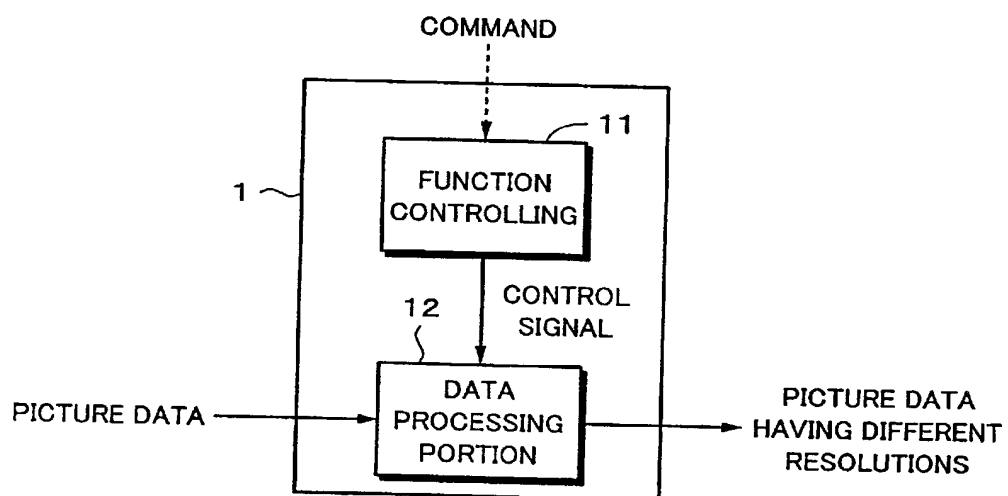
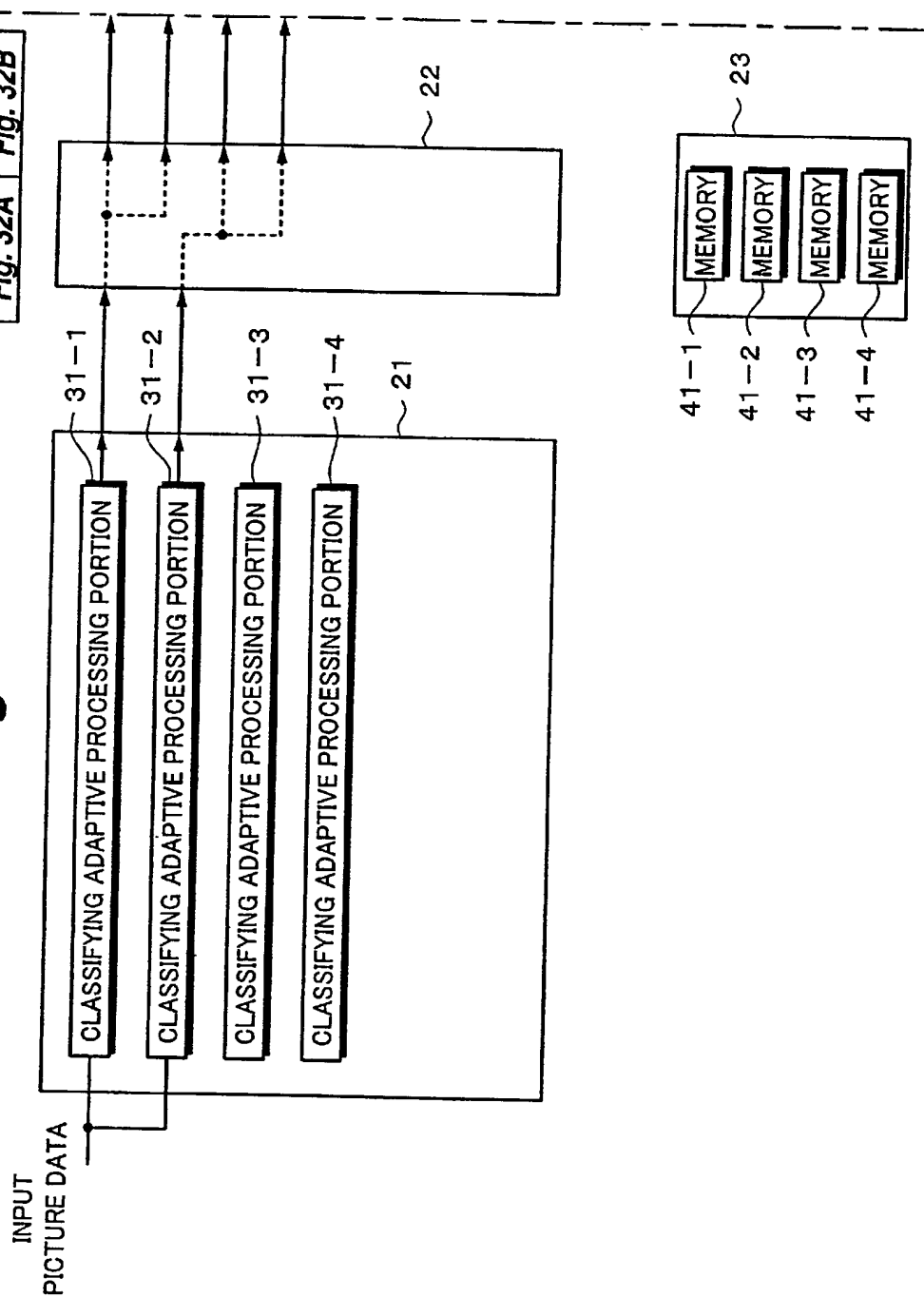
Fig. 31

Fig. 32A



110

09/980130

Fig. 32B

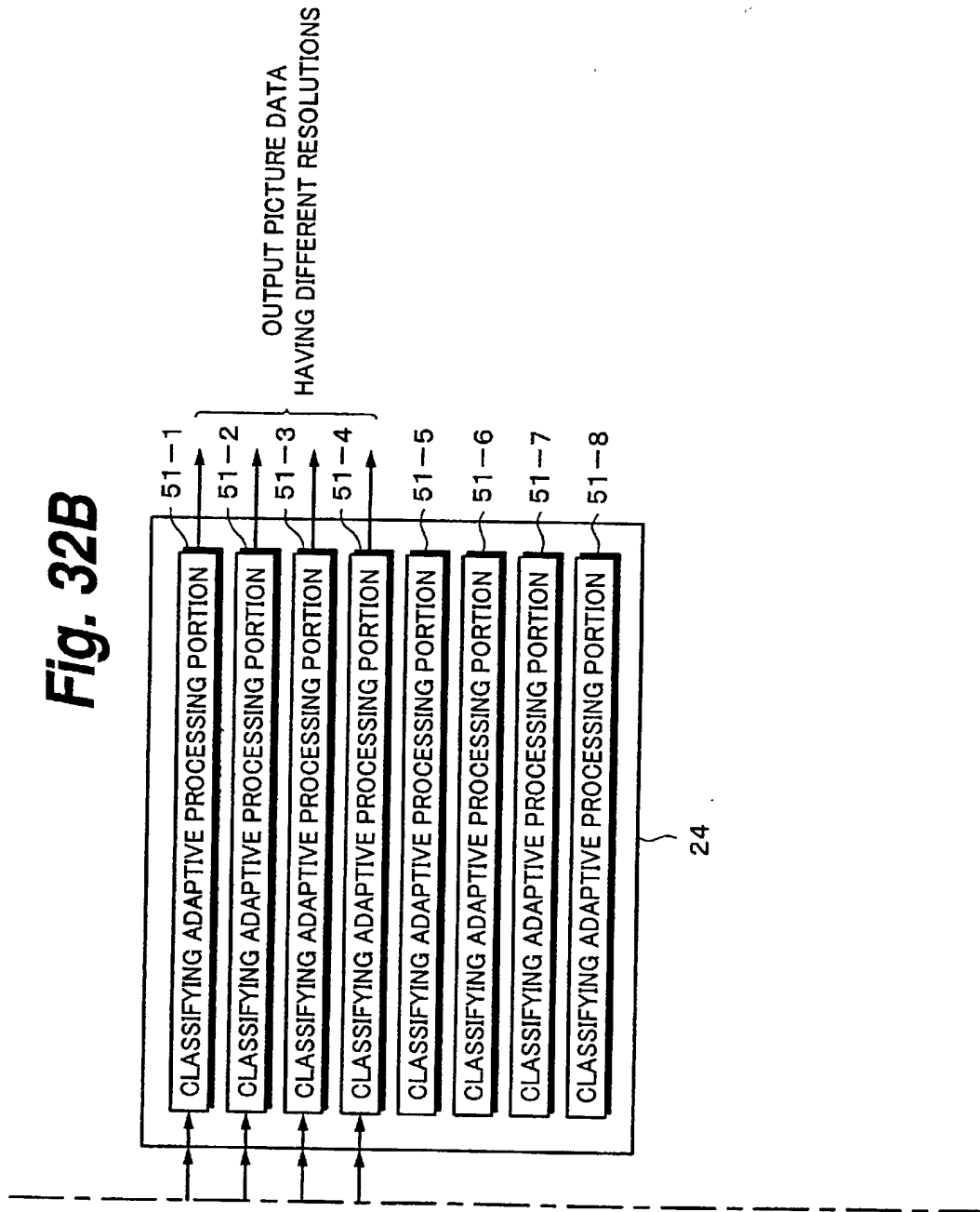


Fig. 33

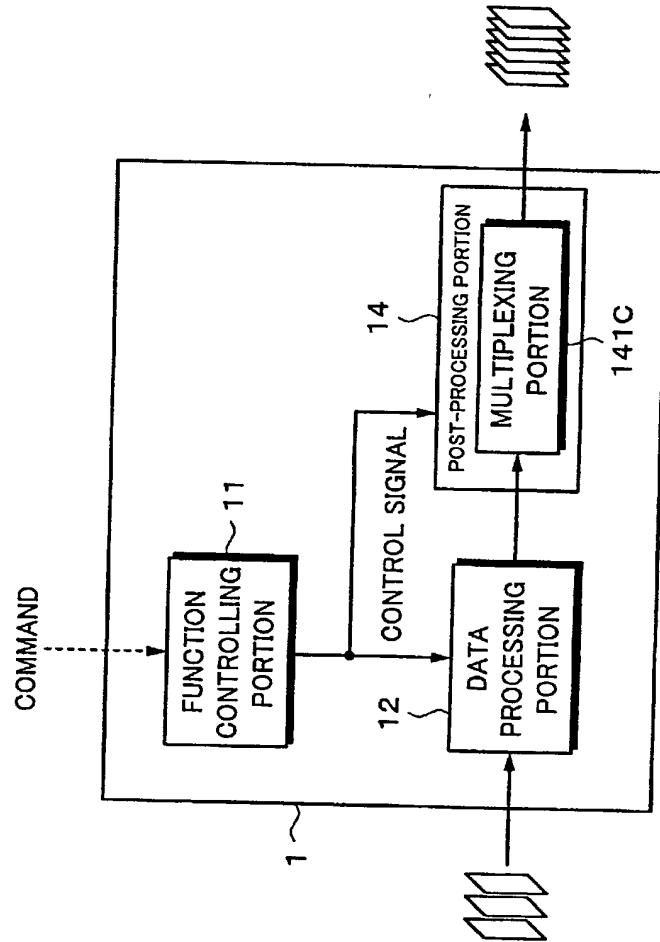


Fig. 34A

Fig. 34 Fig. 34A Fig. 34B

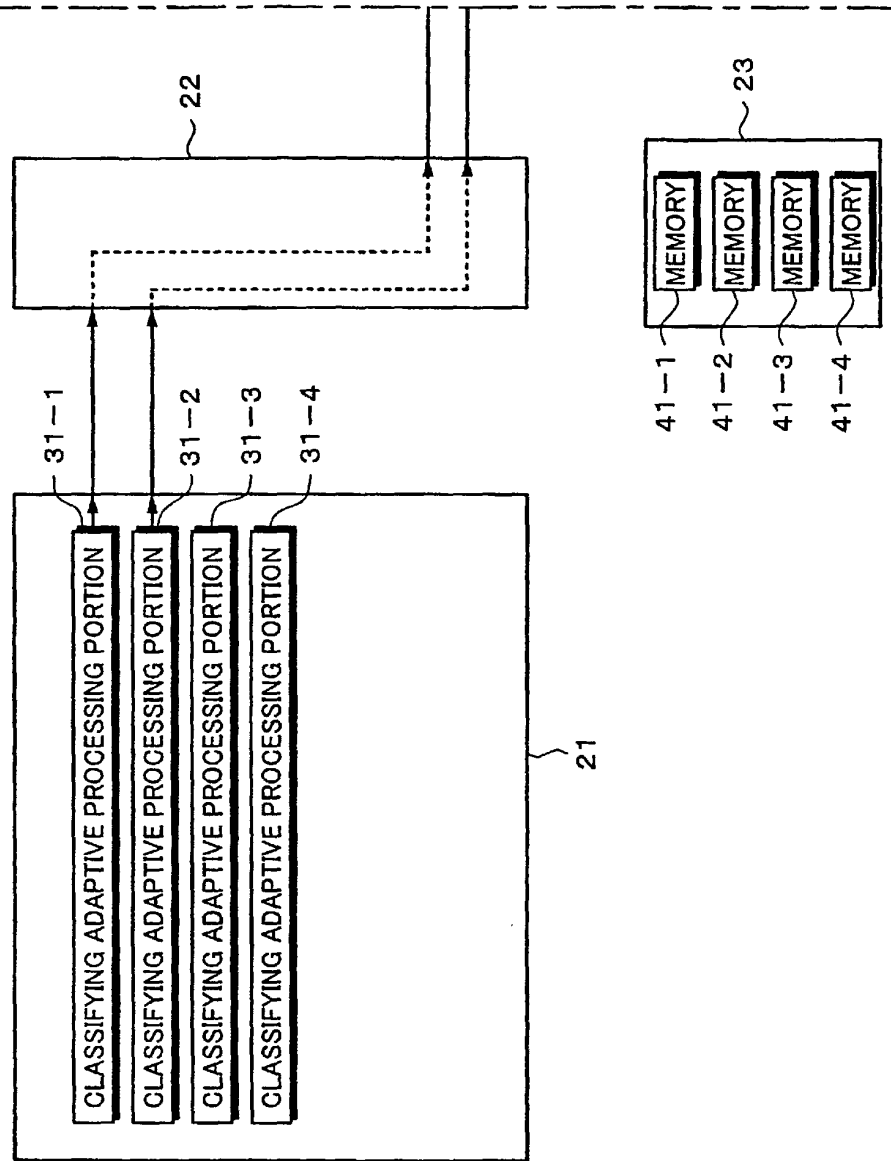


Fig. 34B

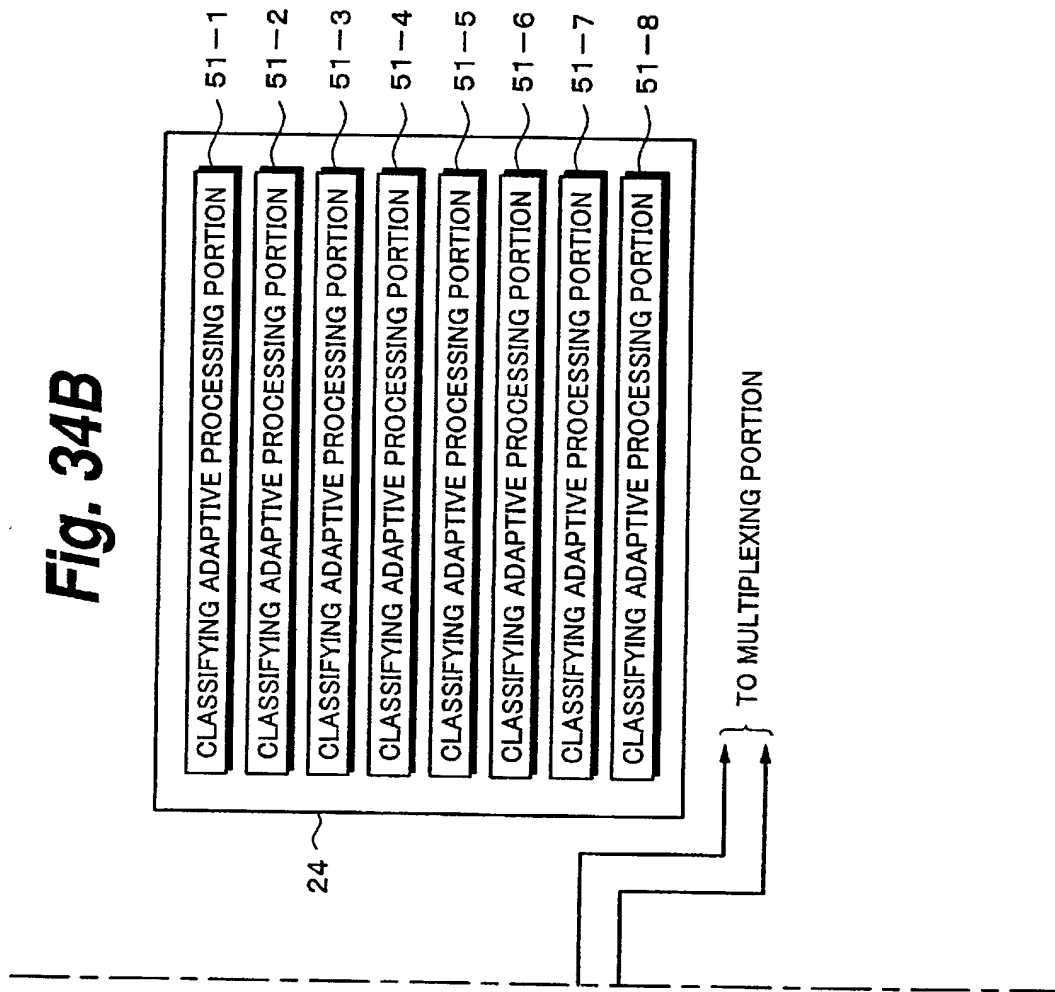


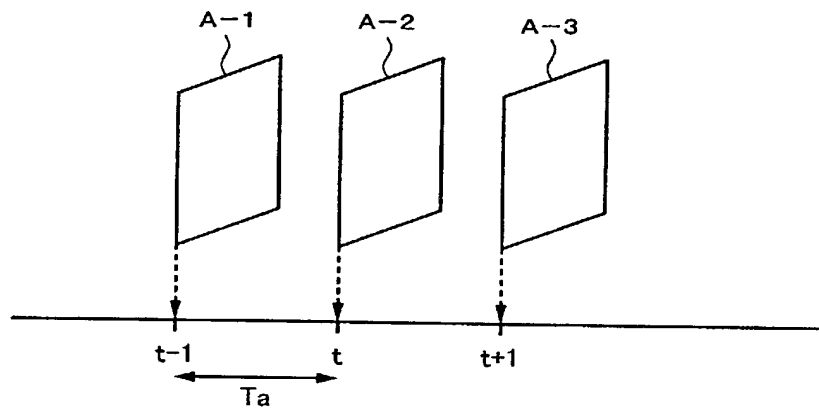
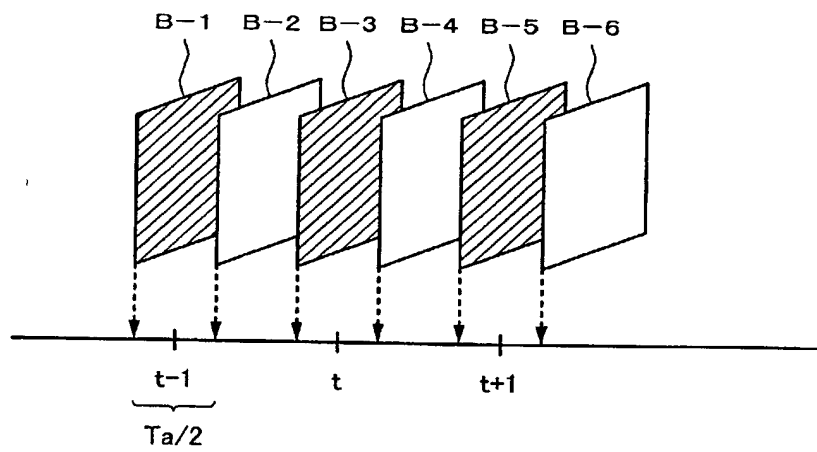
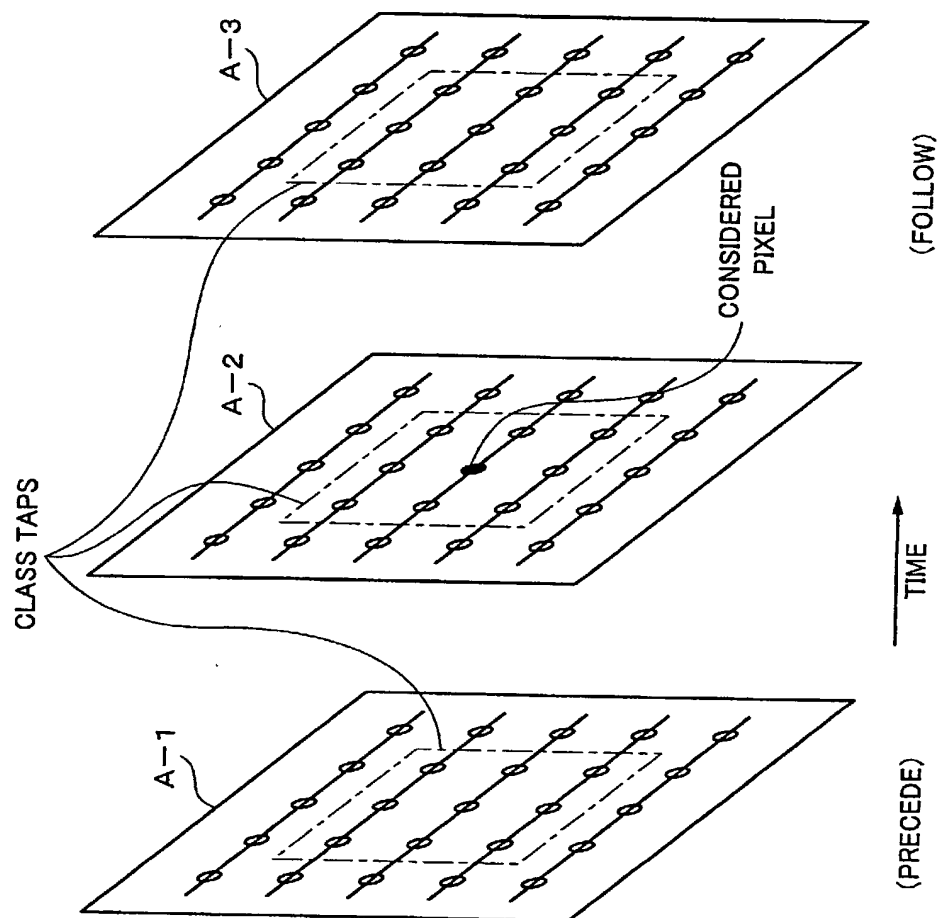
Fig. 35A**Fig. 35B**

TABLE 1 DET00000

Fig. 36



DESCRIPTION OF REFERENCE NUMERALS

- 1 DATA PROCESSING APPARATUS
- 11 FUNCTION CONTROLLING PORTION
- 12 DATA PROCESSING PORTION
- 13 PRE-PROCESSING PORTION
- 14 POST-PROCESSING PORTION
- 21 INPUT DATA PROCESSING PORTION
- 22 SELECTOR
- 23 INTERMEDIATE DATA PROCESSING PORTION
- 24 OUTPUT DATA PROCESSING PORTION
- 31, 51 CLASSIFYING ADAPTIVE PROCESSING PORTION
- 41 MEMORY